

Converting Colors

XYZ(87.3353, 93.9845,
104.3072)

Have a look what the booklet for
XYZ(87.3353, 93.9845, 104.3072)
contains.

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Color

**XYZ(87.0375, 93.6241,
103.9264)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFAFA
RGB	239, 250, 250
RGB Percent	94%, 98%, 98%
CMY	0.0627, 0.0196, 0.0196
CMYK	0.04, 0.00, 0.00, 0.02
HSL	180°, 52%, 96%
HSV	180°, 4%, 98%
XYZ	87.0375, 93.6241, 103.9264
YIQ	246.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

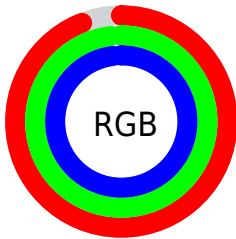
Format	Color
R _{YB}	239, 245, 250
Decimal	15727354
CIE Lab	97.48, -3.60, -1.26
CIE LCh	97, 3.813, 199.330
Yxy	93.6241, 0.3058, 0.3290
Android (android.graphics.Color)	4293917434 (0xFFEFAFA)
YUV	246.7110, 1.6215, -6.7625
Hunter-Lab	96.7595, -8.7642, 4.0502

Details

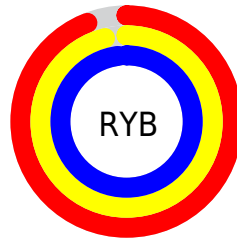
The XYZ color 87.0375, 93.6241, 103.9264 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.8742, 88.2914, 94.1816, and the grayscale version is 88.1667, 92.7583, 101.0137.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.5578, 52.5459, 58.6220 is the 20% darker color. If you saturate the color by 10%, you get 79.1734, 89.5728, 103.5528, and if you desaturate by 10%, it is 92.6845, 96.5377, 104.2001.

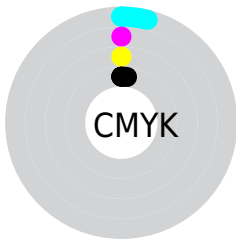
Distribution



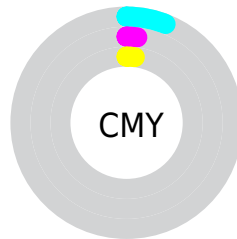
- Red (94%)
- Green (98%)
- Blue (98%)



- Red (94%)
- Yellow (96%)
- Blue (98%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (6%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.0375, 93.6241, 103.9264 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 87.0375, 93.6241, 103.9264 by changing the saturation by 10% instead.

87.0375, 93.6241,
103.9264

87.0375, 93.6241,
103.9264

506.7288,
539.7507, 594.0629

65.8544, 70.9903,
78.9486

142.1158,
152.3624, 168.6413

48.4215, 52.3343,
58.3325

176.7417,
189.2357, 209.2155

34.3734, 37.2716,
41.6595

216.5792,
231.6243, 255.8256

23.3449, 25.4179,
28.5112

261.9937,
279.9126, 308.8901

14.9704, 16.3887,
18.4690

313.3506,
334.4850, 368.8275

8.8848, 9.7996,
11.1143

371.0151,

4.7226, 5.2663,

395.7259, 436.0564

6.0286

435.3528,
464.0197, 510.9954

■ 2.1185, 2.4043,
2.7934

■ 0.6993, 0.8281,
0.9901

■ 87.0375, 93.6241,
103.9264

■ 87.0375, 93.6241,
103.9264

■ 79.1734, 89.5728,
103.5528

■ 92.6845, 96.5377,
104.2001

■ 72.4265, 86.0948,
103.2295


■ 92.6859, 96.5382,
104.2077


■ 66.7485, 83.1678,
102.9562


■ 92.6873, 96.5388,
104.2154


■ 62.0846, 80.7637,
102.7304


■ 92.6888, 96.5394,
104.2230


 58.3751, 78.8515,
102.5493


 92.6902, 96.5400,
104.2306

 55.5540, 77.3974,
102.4097


 92.6917, 96.5405,
104.2382


 53.5471, 76.3629,
102.3083

 92.6931, 96.5411,
104.2458

 52.2681, 75.7037,
102.2409

 92.6946, 96.5417,
104.2534

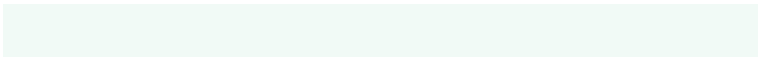
 51.6111, 75.3652,
102.2026

 92.6960, 96.5423,
104.2610

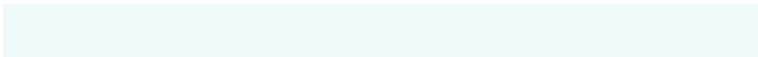
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.9574, 93.6241, 100.8412



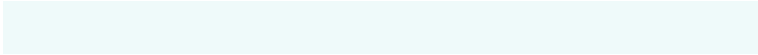
87.0375, 93.6241, 103.9264



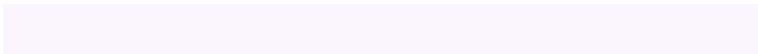
87.6375, 93.6241, 106.5286

Triad

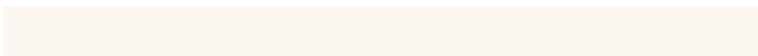
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.0375, 93.6241, 103.9264



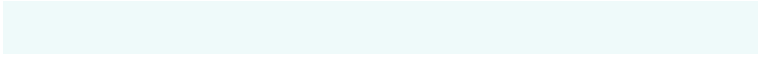
90.5747, 93.6241, 105.8745



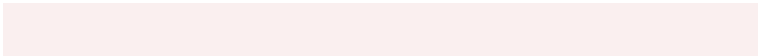
89.3728, 93.6241, 96.1950

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



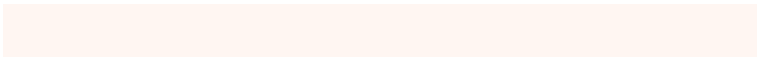
87.0375, 93.6241, 103.9264



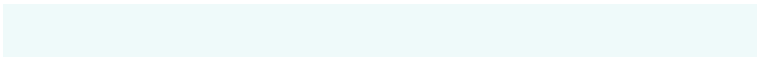
85.8742, 88.2914, 94.1816

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.3501, 93.6241, 97.4865



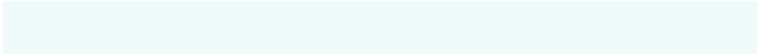
87.0375, 93.6241, 103.9264



91.0478, 93.6241, 103.0482

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.0375, 93.6241, 103.9264



89.6776, 93.6241, 107.6690



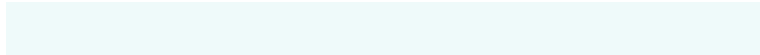
90.9652, 93.6241, 99.9805



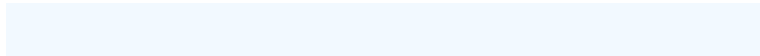
88.2998, 93.6241, 96.4193

Rectangle

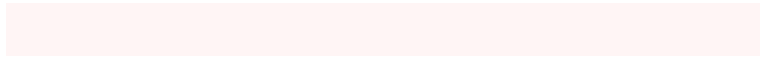
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



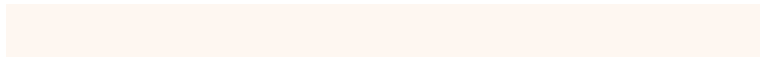
87.0375, 93.6241, 103.9264



88.2543, 93.6241, 107.6196



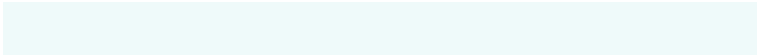
90.9652, 93.6241, 99.9805



89.7235, 93.6241, 96.4652

Sweetspot

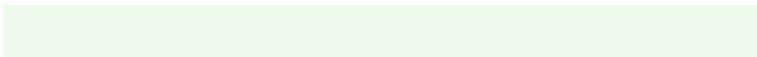
The Sweet Spot groups the original color and five complimentary colors.



87.0402, 93.6281, 103.9285



94.1179, 99.5195, 108.8556



85.4268, 92.9899, 95.1090



20.1549, 21.3063, 23.3000



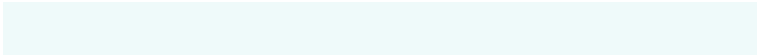
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

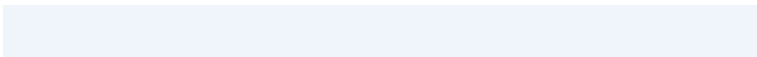
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.0402, 93.6281, 103.9285



90.5131, 97.6612, 108.6837



85.4112, 90.3692, 103.3886



18.4227, 19.9473, 22.2636



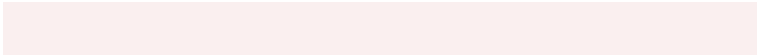
27.2784, 39.9244, 54.2025



2.5265, 3.6977, 5.0206

Inverse Universe

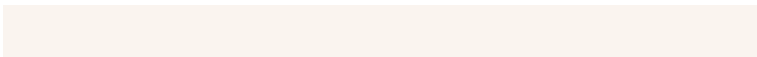
The Inverse Universe completely reimagines the original color for something new.



85.8742, 88.2914, 94.1816



89.1319, 91.3393, 97.1376



87.4538, 91.4515, 94.7052



18.1021, 18.4797, 19.5833



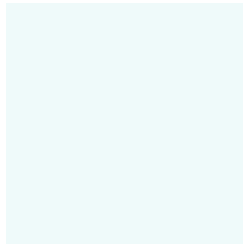
20.9123, 10.7806, 0.9807



1.9369, 0.9985, 0.0913

Previews

White Background



This preview shows how the XYZ color 87.0375, 93.6241, 103.9264 looks on a white background.

Color Contrast Check

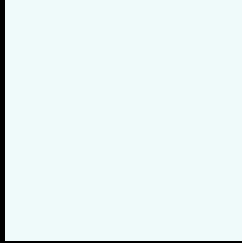
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 87.0375, 93.6241, 103.9264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

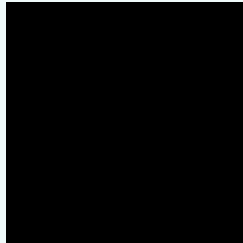
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

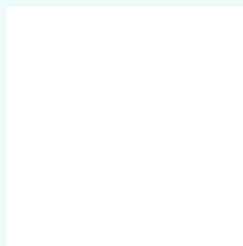
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.0375, 93.6241, 103.9264

Background



This preview shows how black text looks on a background with the XYZ color 87.0375, 93.6241, 103.9264.



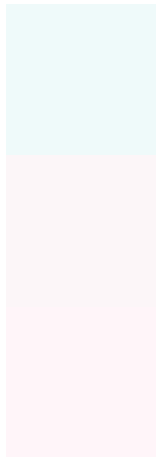
This preview shows how white text looks on a background with the XYZ color 87.0375, 93.6241,

103.9264.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.0375, 93.6241, 103.9264

Protanopia

90.0439, 93.3843, 102.0861

Deuteranopia

90.9913, 93.4044, 102.8556

Tritanopia

89.2736, 93.7673, 108.0014

Trichromacy



Original Color

87.0375, 93.6241, 103.9264

Protanomaly

88.7174, 93.1352, 102.9235

Deuteranomaly

89.4266, 93.5008, 102.9567

Tritanomaly

88.5675, 93.8979, 106.3846

Monochromacy



Original Color

87.0375, 93.6241, 103.9264

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.8189, 93.1452, 102.1572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.0375, 93.6241, 103.9264 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(239, 250, 250)` looks like.

```
.text, #text, p{  
    color:rgb(239, 250, 250)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(239, 250, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 250, 250) }
```

Border

The CSS property to change the border of an element to XYZ 87.0375, 93.6241, 103.9264 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 250, 250) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(239, 250, 250) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(239, 250, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 250, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 250, 250);  
box-shadow:4px 4px 4px 4px rgb(239, 250,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 87.0375, 93.6241, 103.9264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 250, 250) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(239,  
250, 250) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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