

Converting Colors

XYZ(87.3168, 90.7512, 95.6010)

Have a look what the booklet for
XYZ(87.3168, 90.7512, 95.6010)
contains.

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Color

**XYZ(87.2031, 90.7164,
95.3520)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF3F0
RGB	250, 243, 240
RGB Percent	98%, 95%, 94%
CMY	0.0196, 0.0470, 0.0588
CMYK	0.00, 0.03, 0.04, 0.02
HSL	18°, 50%, 96%
HSV	18°, 4%, 98%
XYZ	87.2031, 90.7164, 95.3520
YIQ	244.7510, 5.1350, 0.5510

Conversions

Conversions Part 2

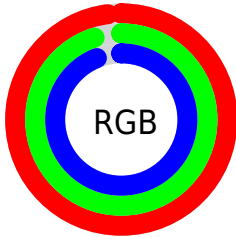
Format	Color
R_{YB}	250, 244, 240
Decimal	16446448
CIE _{Lab}	96.29, 1.83, 2.26
CIE _{LCh}	96, 2.908, 51.086
Yxy	90.7164, 0.3191, 0.3320
Android (android.graphics.Color)	4294636528 (0xFFFAF3F0)
YUV	244.7510, -2.3422, 4.6034
Hunter-Lab	95.2452, -3.2507, 7.3151

Details

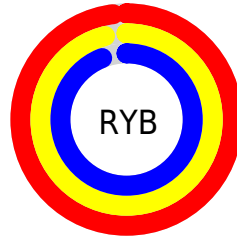
The XYZ color **87.2031, 90.7164, 95.3520** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.4513, 91.9477, 103.6349**, and the grayscale version is **86.6085, 91.1189, 99.2284**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6702, 50.4707, 52.5240** is the 20% darker color. If you saturate the color by 10%, you get **78.7558, 79.3607, 75.4583**, and if you desaturate by 10%, it is **93.2349, 99.0643, 108.8151**.

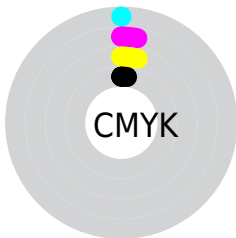
Distribution



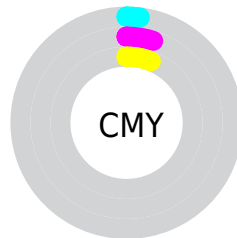
- Red (98%)
- Green (95%)
- Blue (94%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.2031, 90.7164, 95.3520 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 87.2031, 90.7164, 95.3520 by changing the saturation by 10% instead.

87.2031, 90.7164,
95.3520

87.2031, 90.7164,
95.3520

507.2646,
530.3585, 566.3044

65.9919, 68.5750,
71.8295

142.3454,
148.3331, 156.7506

48.5335, 50.3656,
52.5334

177.0072,
184.5772, 195.4637

34.4626, 35.7040,
37.0452

216.8833,
226.2909, 240.0775

23.4138, 24.2057,
24.9465

262.3389,
273.8587, 291.0104

15.0217, 15.4863,
15.8185

313.7395,
327.6650, 348.6810

8.9210, 9.1614,
9.2429

371.4504,

4.7464, 4.8466,

388.0941, 413.5078

4.8010

435.8370,
455.5305, 485.9094

■ 2.1325, 2.1575,
2.0743

■ 0.7068, 0.6967,
0.6004

■ 87.2031, 90.7164,
95.3520

■ 87.2031, 90.7164,
95.3520

■ 78.7558, 79.3607,
75.4583

■ 93.2349, 99.0643,
108.8151

■ 71.2817, 69.1668,
58.3096

■ 64.7466, 60.1010,
43.7861

■ 59.1113, 52.1232,
31.7567

■ 54.3339, 45.1910,
22.0790

■ 50.3687, 39.2591,
14.5961

■ 47.1653, 34.2786,
9.1317

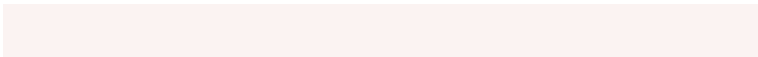
■ 44.6670, 30.1958,
5.4817

■ 42.8070, 26.9506,
3.3978

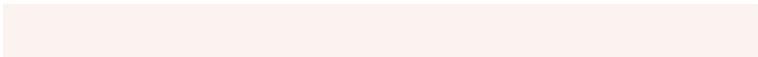
Harmonies

Analogous

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



87.6814, 90.7164, 97.1822



87.2031, 90.7164, 95.3520



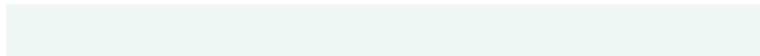
86.4643, 90.7164, 94.4427

Triad

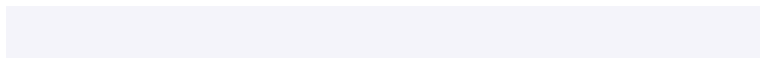
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2031, 90.7164, 95.3520



84.6970, 90.7164, 98.0867



86.7835, 90.7164, 102.9859

Complementary

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



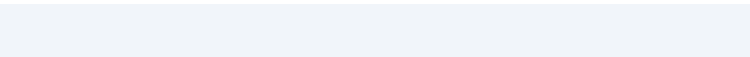
87.2031, 90.7164, 95.3520



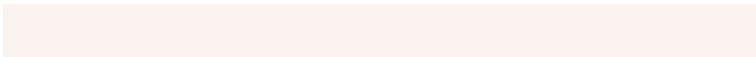
86.4513, 91.9477, 103.6349

Split Complementary

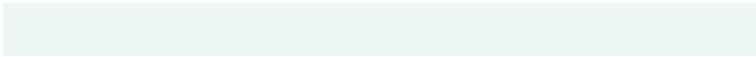
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.9826, 90.7164, 103.2373



87.2031, 90.7164, 95.3520



84.7813, 90.7164, 100.3846

Square

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



87.2031, 90.7164, 95.3520



85.0197, 90.7164, 96.0053



85.2507, 90.7164, 102.2784



87.4381, 90.7164, 101.5969

Rectangle

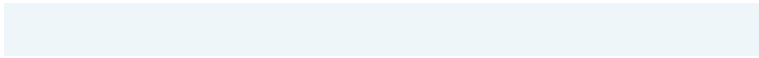
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.2031, 90.7164, 95.3520



85.9247, 90.7164, 94.4711



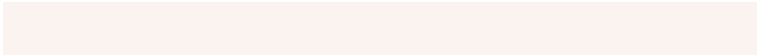
85.2507, 90.7164, 102.2784



86.5224, 90.7164, 103.2071

Sweetspot

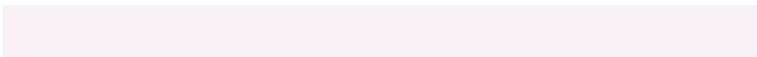
The Sweet Spot groups the original color and five complimentary colors.



87.2056, 90.7203, 95.3540



94.0756, 98.7039, 106.5632



87.3742, 89.3610, 100.6402



20.1463, 21.1404, 22.8335



0.0000, 0.0000, 0.0000



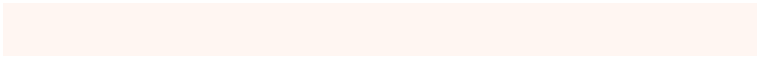
20.3446, 21.4041, 23.3091

Same Dimension

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



87.2056, 90.7203, 95.3540



90.2848, 93.6463, 97.5184



88.7212, 93.7514, 95.8591



18.3688, 19.0134, 19.6714



22.3598, 13.6762, 1.4613



2.1594, 1.4437, 0.1648

Inverse Universe

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



86.4513, 91.9477, 103.6349



89.3040, 95.2419, 108.2844



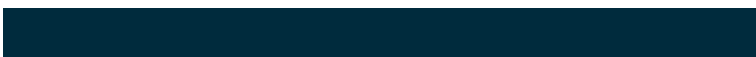
84.9439, 88.9330, 103.1325



18.1411, 19.3838, 22.1706



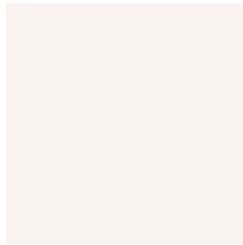
17.4054, 20.1664, 50.9487



1.7048, 2.0534, 4.7497

Previews

White Background



This preview shows how the XYZ color 87.2031, 90.7164, 95.3520 looks on a white background.

Color Contrast Check

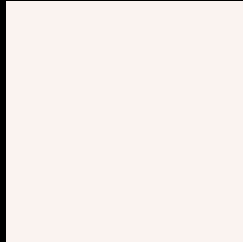
Large Text (above 18pt) WCAG AA × Fail

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 87.2031, 90.7164, 95.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

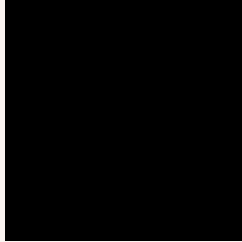
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

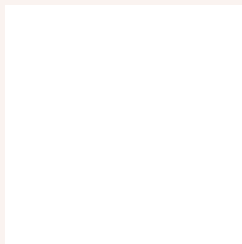
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.2031, 90.7164, 95.3520

Background



This preview shows how black text looks on a background with the XYZ color 87.2031, 90.7164, 95.3520.



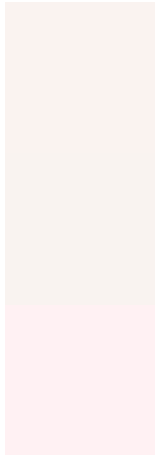
This preview shows how white text looks on a background with the XYZ color 87.2031, 90.7164,

95.3 20.

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

87.2031, 90.7164, 95.3520

Protanopia

86.8457, 90.5322, 95.3353

Deuteranopia

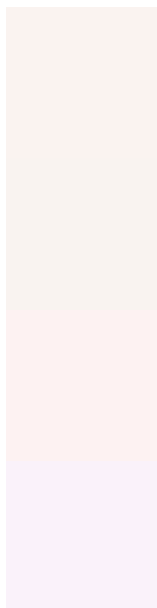
88.8730, 90.6417, 97.6055



Tritanopia

88.9296, 90.4546, 107.3801

Trichromacy



Original Color

87.2031, 90.7164, 95.3520

Protanomaly

86.8457, 90.5322, 95.3353

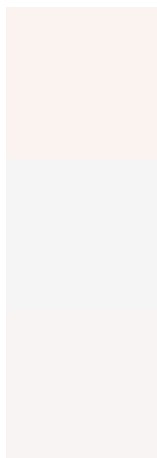
Deuteranomaly

88.2872, 90.7977, 96.8769

Tritanomaly

88.4318, 90.7304, 103.2943

Monochromacy



Original Color

87.2031, 90.7164, 95.3520

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.8861, 90.9466, 97.7691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.2031, 90.7164, 95.3520 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(250, 243, 240) looks like.

```
.text, #text, p{  
    color:rgb(250, 243, 240)  
}
```

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(250, 243, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 243, 240) }
```

Border

The CSS property to change the border of an element to XYZ 87.2031, 90.7164, 95.3520 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(250, 243, 240) }
```


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

```
.border{ border-color:rgb(250, 243, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 243, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 243, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 243, 240);  
box-shadow:4px 4px 4px 4px rgb(250, 243,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 87.2031, 90.7164, 95.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 243, 240) }
```

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

```
.background{ background-color: rgb(250,  
243, 240) }
```

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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