

Converting Colors

XYZ(87.6057, 93.5577,
106.3446)

Have a look what the booklet for
XYZ(87.6057, 93.5577, 106.3446)
contains.

XYZ(87.5405, 93.3685, 106.3365)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(87.5405, 93.3685,
106.3365)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F9FD
RGB	240, 249, 253
RGB Percent	94%, 98%, 99%
CMY	0.0588, 0.0235, 0.0078
CMYK	0.05, 0.02, 0.00, 0.01
HSL	198°, 76%, 97%
HSV	198°, 5%, 99%
XYZ	87.5405, 93.3685, 106.3365
YIQ	246.7650, -6.6480, -0.6640

Conversions

Conversions Part 2

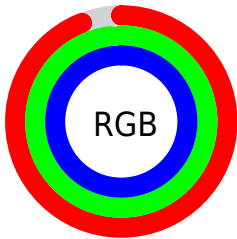
Format	Color
R _Y B	240, 245, 253
Decimal	15792637
CIE Lab	97.38, -2.22, -2.95
CIE LCh	97, 3.692, 233.057
Yxy	93.3685, 0.3048, 0.3250
Android (android.graphics.Color)	4293982717 (0xFFFF0F9FD)
YUV	246.7650, 3.0739, -5.9329
Hunter-Lab	96.6274, -7.3841, 2.3917

Details

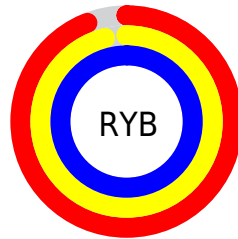
The XYZ color 87.5405, 93.3685, 106.3365 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.5871, 91.8744, 95.5041, and the grayscale version is 88.1992, 92.7924, 101.0510.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.8009, 52.3158, 59.7504 is the 20% darker color. If you saturate the color by 10%, you get 77.1898, 84.5401, 105.1794, and if you desaturate by 10%, it is 94.7299, 99.8720, 107.2143.

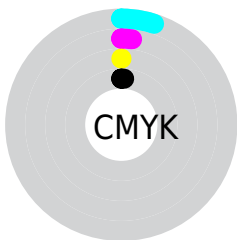
Distribution



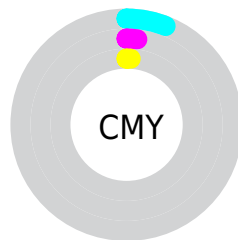
- Red (94%)
- Green (98%)
- Blue (99%)



- Red (94%)
- Yellow (96%)
- Blue (99%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (6%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.5405, 93.3685, 106.3365 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 87.5405, 93.3685, 106.3365 by changing the saturation by 10% instead.

87.5405, 93.3685,
106.3365

87.5405, 93.3685,
106.3365

508.3552,
538.9286, 601.7420

66.2721, 70.7778,
80.9566

142.8131,
152.0087, 171.9656

48.7619, 52.1609,
59.9751

177.5480,
188.8270, 213.0519

34.6444, 37.1333,
42.9734

217.5024,
231.1566, 260.2108

23.5543, 25.3108,
29.5330

263.0417,
279.3820, 313.8607

15.1263, 16.3087,
19.2353

314.5313,
333.8875, 374.4202

8.9949, 9.7429,
11.6619

372.3366,

4.7950, 5.2288,

395.0575, 442.3079

6.3942

436.8227,
463.2764, 517.9423

■ 2.1610, 2.3821,
3.0136

■ 0.7221, 0.8167,
1.1016

■ 87.5405, 93.3685,
106.3365

■ 87.5405, 93.3685,
106.3365

■ 77.1898, 84.5401,
105.1794

94.7299, 99.8720,
107.2143

■ 68.0829, 76.4962,
104.1068

■ 60.1687, 69.2114,
103.1178

■ 53.3892, 62.6538,
102.2094

■ 47.6811, 56.7891,
101.3782

■ 42.9749, 51.5793,
100.6207

■ 39.1918, 46.9821,
99.9327

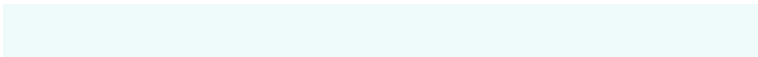
■ 36.2405, 42.9483,
99.3097

■ 34.0086, 39.4180,
98.7459

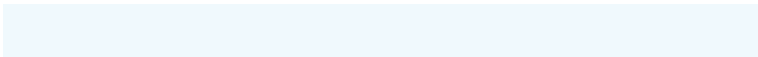
Harmonies

Analogous

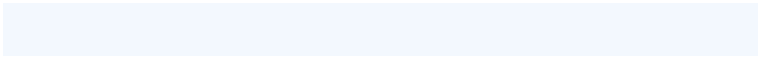
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.9060, 93.3685, 103.9354



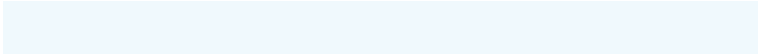
87.5405, 93.3685, 106.3365



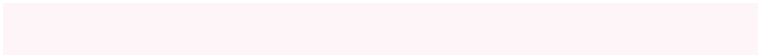
88.5010, 93.3685, 107.4888

Triad

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



87.5405, 93.3685, 106.3365



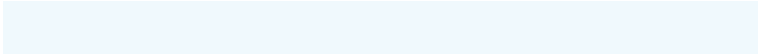
90.7557, 93.3685, 102.3604



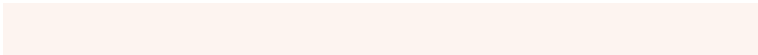
87.9585, 93.3685, 96.4535

Complementary

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



87.5405, 93.3685, 106.3365



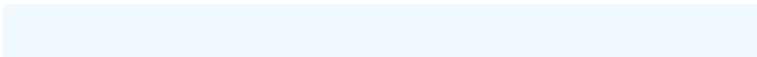
88.5871, 91.8744, 95.5041

Split Complementary

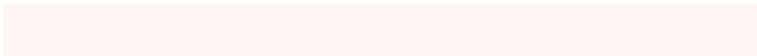
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.9873, 93.3685, 96.0504



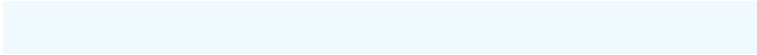
87.5405, 93.3685, 106.3365



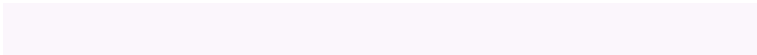
90.6077, 93.3685, 99.4229

Square

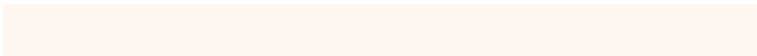
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



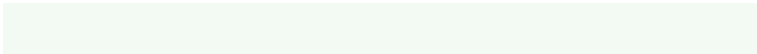
87.5405, 93.3685, 106.3365



90.3613, 93.3685, 105.1642



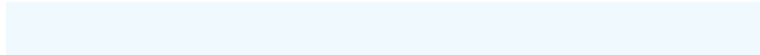
89.9584, 93.3685, 97.1274



87.1460, 93.3685, 98.2393

Rectangle

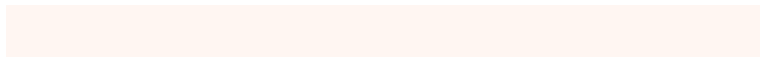
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.5405, 93.3685, 106.3365



89.1992, 93.3685, 107.3781



89.9584, 93.3685, 97.1274



88.2903, 93.3685, 96.1532

Sweetspot

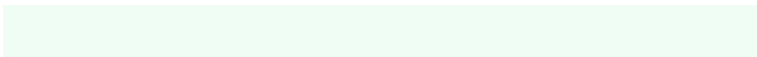
The Sweet Spot groups the original color and five complimentary colors.



87.5432, 93.3725, 106.3386



92.7004, 98.0494, 108.6473



87.3759, 95.3029, 99.2999



19.8664, 21.0071, 23.2577



0.0000, 0.0000, 0.0000



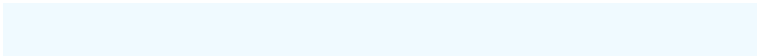
20.3446, 21.4041, 23.3091

Same Dimension

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



87.5432, 93.3725, 106.3386



88.1614, 94.2487, 108.1530



85.5973, 89.4807, 105.6899



18.7158, 20.0430, 23.1322



17.7456, 20.4009, 52.4371



1.8248, 2.1802, 5.1379

Inverse Universe

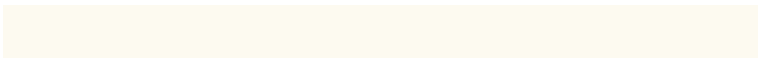
The Inverse Universe completely reimagines the original color for something new.



88.7690, 90.0442, 102.3289



89.6138, 90.3245, 103.3981



90.5476, 95.7955, 96.1576



19.0595, 19.1177, 22.0061



25.7454, 12.7874, 23.1074



2.5557, 1.2646, 2.5075

Previews

White Background



This preview shows how the XYZ color 87.5405, 93.3685, 106.3365 looks on a white background.

Color Contrast Check

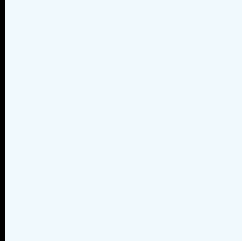
Large Text (above 18pt) WCAG AA × Fail

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 87.5405, 93.3685, 106.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

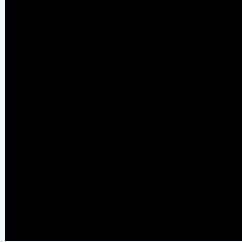
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

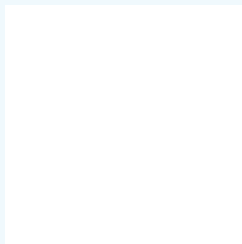
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.5405, 93.3685, 106.3365

Background



This preview shows how black text looks on a background with the XYZ color 87.5405, 93.3685, 106.3365.

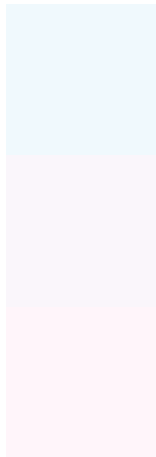


This preview shows how white text looks on a background with the XYZ color 87.5405, 93.3685,

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

87.5405, 93.3685, 106.3365

Protanopia

89.7927, 93.2006, 104.5237

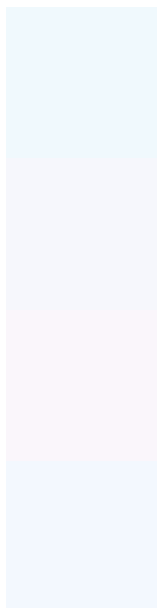
Deuteranopia

91.1477, 93.4669, 103.6794

Tritanopia

88.9670, 93.1540, 107.8992

Trichromacy



Original Color

87.5405, 93.3685, 106.3365

Protanomaly

88.8375, 93.1426, 105.3915

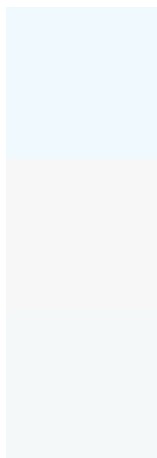
Deuteranomaly

89.7927, 93.2006, 104.5237

Tritanomaly

88.4189, 93.3452, 107.1232

Monochromacy



Original Color

87.5405, 93.3685, 106.3365

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.9745, 93.2075, 102.9766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.5405, 93.3685, 106.3365 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(240, 249, 253)` looks like.

```
.text, #text, p{  
    color:rgb(240, 249, 253)  
}
```

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(240, 249, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 249, 253) }
```

Border

The CSS property to change the border of an element to XYZ 87.5405, 93.3685, 106.3365 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(240, 249, 253) }
```


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

```
.border{ border-color:rgb(240, 249, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 249, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 249, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 249, 253);  
box-shadow:4px 4px 4px 4px rgb(240, 249,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 87.5405, 93.3685, 106.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 249, 253) }
```

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

```
.background{ background-color: rgb(240,  
249, 253) }
```

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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