

Converting Colors

XYZ(88.7616, 93.8186,
106.3659)

Have a look what the booklet for
XYZ(88.7616, 93.8186, 106.3659)
contains.

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Color

**XYZ(88.9135, 94.0763,
106.4008)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F9FD
RGB	244, 249, 253
RGB Percent	96%, 98%, 99%
CMY	0.0431, 0.0235, 0.0078
CMYK	0.04, 0.02, 0.00, 0.01
HSL	207°, 69%, 97%
HSV	207°, 4%, 99%
XYZ	88.9135, 94.0763, 106.4008
YIQ	247.9610, -4.2640, 0.1840

Conversions

Conversions Part 2

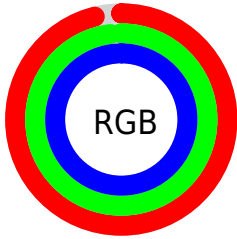
Format	Color
R _Y B	244, 247, 253
Decimal	16054781
CIE Lab	97.66, -0.92, -2.50
CIE LCh	98, 2.663, 249.768
Yxy	94.0763, 0.3072, 0.3251
Android (android.graphics.Color)	4294244861 (0xFFFF4F9FD)
YUV	247.9610, 2.4842, -3.4738
Hunter-Lab	96.9929, -6.1066, 2.8542

Details

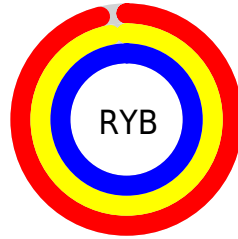
The XYZ color 88.9135, 94.0763, 106.4008 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.4047, 94.5481, 99.0741, and the grayscale version is 89.1764, 93.8205, 102.1706.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.7728, 52.8168, 59.7959 is the 20% darker color. If you saturate the color by 10%, you get 77.3620, 83.1226, 104.8968, and if you desaturate by 10%, it is 94.7299, 99.8720, 107.2143.

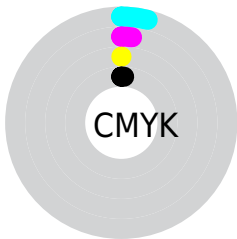
Distribution



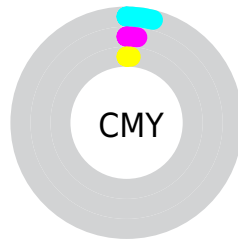
- Red (96%)
- Green (98%)
- Blue (99%)



- Red (96%)
- Yellow (97%)
- Blue (99%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)





- Cyan (4%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.9135, 94.0763, 106.4008 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 88.9135, 94.0763, 106.4008 by changing the saturation by 10% instead.


 88.9135, 94.0763,
106.4008

 88.9135, 94.0763,
106.4008


512.7809,
541.2036, 601.9461

 67.4132, 71.3664,
81.0102


144.7143,
152.9879, 172.0542

 49.6924, 52.6413,
60.0190

179.7455,
189.9583, 213.1541

 35.3858, 37.5165,
43.0085


220.0177,
232.4511, 260.3275

 24.1282, 25.6076,
29.5603

265.8962,
280.8506, 313.9930

 15.5540, 16.5303,
19.2559

317.7464,
335.5412, 374.5690

 9.2979, 9.9002,
11.6767

375.9337,

 4.9947, 5.3328,

396.9073, 442.4742

6.4040

440.8234,
465.3333, 518.1271

■ 2.2789, 2.4438,
3.0196

■ 0.7838, 0.8483,
1.1046

■ 88.9135, 94.0763,
106.4008

■ 88.9135, 94.0763,
106.4008

■ 77.3620, 83.1226,
104.8968

94.7299, 99.8720,
107.2143

■ 67.1680, 73.1690,
103.5128

■ 58.2785, 64.1851,
102.2473

■ 50.6336, 56.1346,
101.0963

■ 44.1683, 48.9782,
100.0557

■ 38.8113, 42.6730,
99.1211

■ 34.4829, 37.1718,
98.2874

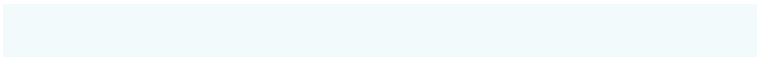
■ 31.0910, 32.4208,
97.5491

■ 28.5243, 28.3559,
96.8998

Harmonies

Analogous

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



88.3008, 94.0763, 105.1272



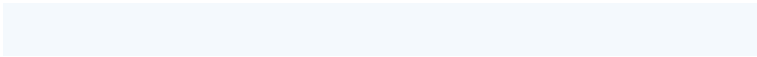
88.9135, 94.0763, 106.4008



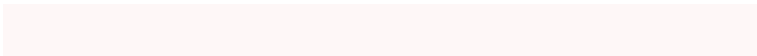
89.6643, 94.0763, 106.6031

Triad

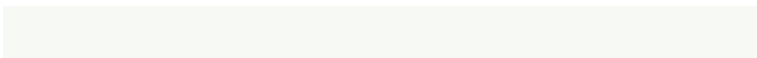
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.9135, 94.0763, 106.4008



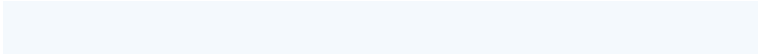
90.8611, 94.0763, 101.7264



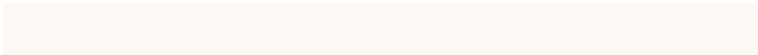
88.4874, 94.0763, 99.2573

Complementary

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



88.9135, 94.0763, 106.4008



90.4047, 94.5481, 99.0741

Split Complementary

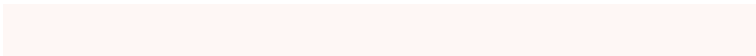
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.1696, 94.0763, 98.3733



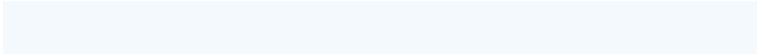
88.9135, 94.0763, 106.4008



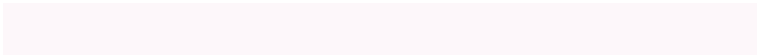
90.5419, 94.0763, 99.7855

Square

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



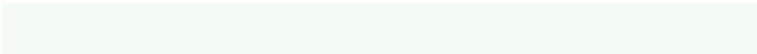
88.9135, 94.0763, 106.4008



90.7916, 94.0763, 103.8837



89.9218, 94.0763, 98.5653



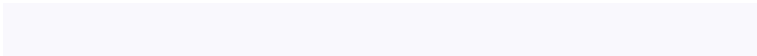
88.0558, 94.0763, 100.9960

Rectangle

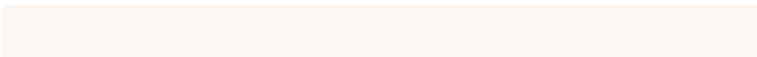
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.9135, 94.0763, 106.4008



90.1425, 94.0763, 106.1002



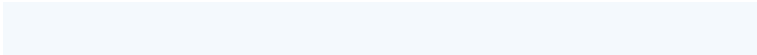
89.9218, 94.0763, 98.5653



88.6948, 94.0763, 98.8515

Sweetspot

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



88.9162, 94.0803, 106.4029



93.7579, 98.7993, 108.7363



89.3627, 96.2563, 102.5964



20.0817, 21.1598, 23.2758



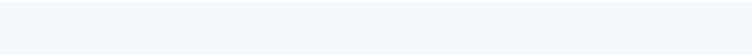
0.0000, 0.0000, 0.0000



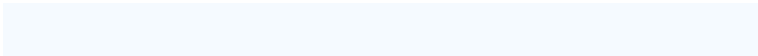
20.3446, 21.4041, 23.3091

Same Dimension

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



88.9162, 94.0803, 106.4029



89.9687, 95.2610, 108.2531



87.5708, 91.3894, 105.9544



19.0580, 20.2031, 23.1451



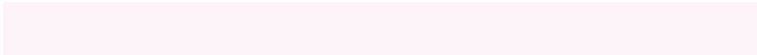
14.6203, 14.1502, 51.3953



1.5325, 1.5958, 5.0405

Inverse Universe

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



89.9596, 92.4253, 102.7258



91.1613, 93.3756, 104.0490



91.7747, 97.2881, 99.5308



19.3602, 19.7279, 22.0790



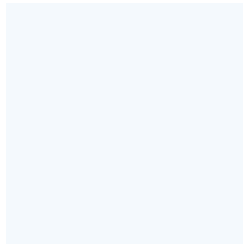
24.1679, 12.1564, 14.8003



2.4082, 1.2056, 1.7308

Previews

White Background



This preview shows how the XYZ color 88.9135, 94.0763, 106.4008 looks on a white background.

Color Contrast Check

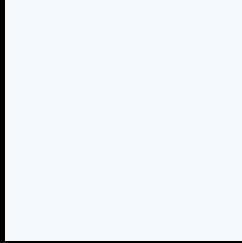
Large Text (above 18pt) WCAG AA × Fail

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 88.9135, 94.0763, 106.4008 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

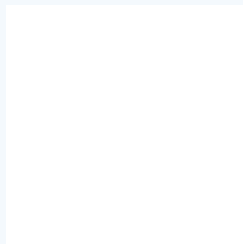
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.9135, 94.0763, 106.4008

Background



This preview shows how black text looks on a background with the XYZ color 88.9135, 94.0763, 106.4008.



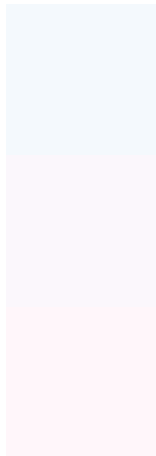
This preview shows how white text looks on a background with the XYZ color 88.9135, 94.0763,

106.4008.

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

88.9135, 94.0763, 106.4008

Protanopia

90.6151, 94.0590, 105.4747

Deuteranopia

91.4511, 94.0737, 103.7805

Tritanopia

89.9752, 94.1290, 108.0342

Trichromacy



Original Color

88.9135, 94.0763, 106.4008

Protanomaly

89.8495, 94.1195, 105.5268

Deuteranomaly

90.4570, 93.9958, 104.6422

Tritanomaly

89.4628, 93.8834, 107.1720

Monochromacy



Original Color

88.9135, 94.0763, 106.4008

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.1805, 93.8111, 103.8495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.9135, 94.0763, 106.4008 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(244, 249, 253) looks like.

```
.text, #text, p{  
    color:rgb(244, 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(244, 249, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 249, 253) }
```

Border

The CSS property to change the border of an element to XYZ 88.9135, 94.0763, 106.4008 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(244, 249, 253) }
```


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

```
.border{ border-color:rgb(244, 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(244, 249, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 249, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 249, 253); box-shadow:4px 4px 4px 4px rgb(244, 249, 253) }
```

Background

The CSS property to change the background color of an element to XYZ 88.9135, 94.0763, 106.4008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 249, 253) }
```

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

```
.background{ background-color: rgb(244,  
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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