

Converting Colors

XYZ(87.6355, 92.5412,
104.5101)

Have a look what the booklet for
XYZ(87.6355, 92.5412, 104.5101)
contains.

XYZ(87.6355, 92.5412, 104.5101)	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(87.6355, 92.5412,
104.5101)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F7FB
RGB	243, 247, 251
RGB Percent	95%, 97%, 98%
CMY	0.0471, 0.0314, 0.0157
CMYK	0.03, 0.02, 0.00, 0.02
HSL	210°, 50%, 97%
HSV	210°, 3%, 98%
XYZ	87.6355, 92.5412, 104.5101
YIQ	246.2600, -3.6680, 0.3960

Conversions

Conversions Part 2

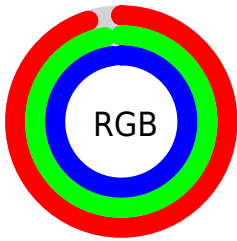
Format	Color
R _Y B	243, 246, 251
Decimal	15988731
CIE Lab	97.04, -0.60, -2.39
CIE LCh	97, 2.461, 255.993
Yxy	92.5412, 0.3078, 0.3251
Android (android.graphics.Color)	4294178811 (0xFFFF3F7FB)
YUV	246.2600, 2.3368, -2.8590
Hunter-Lab	96.1983, -5.7358, 2.9260

Details

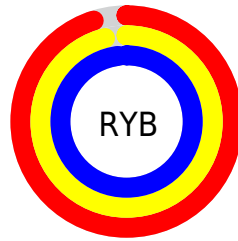
The XYZ color **87.6355, 92.5412, 104.5101** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.2223, 93.5010, 98.1405**, and the grayscale version is **87.7938, 92.3659, 100.5865**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.9746, 51.7665, 59.0405** is the 20% darker color. If you saturate the color by 10%, you get **75.8531, 80.9677, 102.8986**, and if you desaturate by 10%, it is **94.4128, 99.7451, 105.5448**.

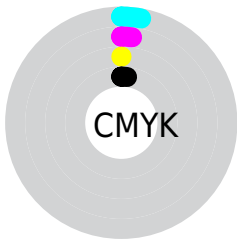
Distribution



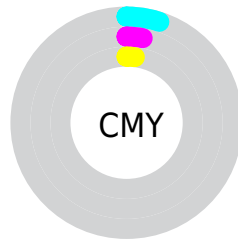
- Red (95%)
- Green (97%)
- Blue (98%)



- Red (95%)
- Yellow (96%)
- Blue (98%)



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



- Cyan (5%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.6355, 92.5412, 104.5101 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 87.6355, 92.5412, 104.5101 by changing the saturation by 10% instead.

87.6355, 92.5412,
104.5101

87.6355, 92.5412,
104.5101

508.6621,
536.2631, 595.9274

66.3510, 70.0902,
79.4346

142.9447,
150.8633, 169.4471

48.8262, 51.6001,
58.7298

177.7002,
187.5031, 210.1458

34.6956, 36.6864,
41.9771

217.6767,
229.6414, 256.8892

23.5939, 24.9648,
28.7579

263.2395,
277.6625, 310.0960

15.1557, 16.0508,
18.6537

314.7542,
331.9509, 370.1847

9.0158, 9.5601,
11.2461

372.5859,

4.8087, 5.1083,

392.8908, 437.5738

6.1164

437.1001,
460.8667, 512.6819

■ 2.1690, 2.3109,
2.8460

■ 0.7263, 0.7795,
1.0166

■ 87.6355, 92.5412,
104.5101

■ 87.6355, 92.5412,
104.5101

■ 75.8531, 80.9677,
102.8986

94.4128, 99.7451,
105.5448

■ 65.4572, 70.4818,
101.4225

■ 56.3945, 61.0507,
100.0798

■ 48.6047, 52.6354,
98.8661

■ 42.0227, 45.1942,
97.7767

■ 36.5769, 38.6818,
96.8067

■ 32.1877, 33.0480,
95.9506

■ 28.7634, 28.2365,
95.2024

■ 26.1936, 24.1808,
94.5550

Harmonies

Analogous

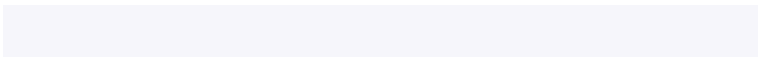
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.0351, 92.5412, 103.5316



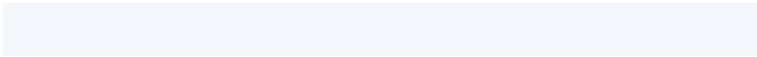
87.6355, 92.5412, 104.5101



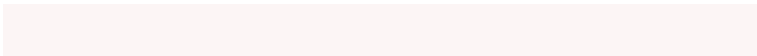
88.3253, 92.5412, 104.4750

Triad

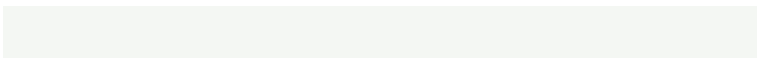
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.6355, 92.5412, 104.5101



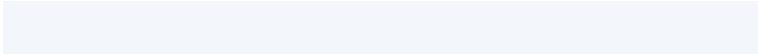
89.2449, 92.5412, 99.7138



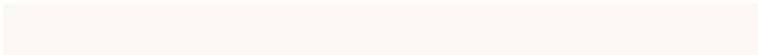
87.0026, 92.5412, 98.1334

Complementary

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



87.6355, 92.5412, 104.5101



89.2223, 93.5010, 98.1405

Split Complementary

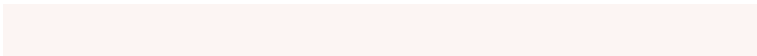
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.5910, 92.5412, 97.1373



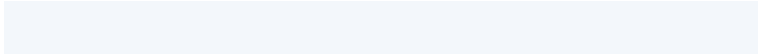
87.6355, 92.5412, 104.5101



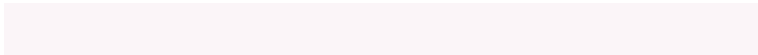
88.8867, 92.5412, 98.0415

Square

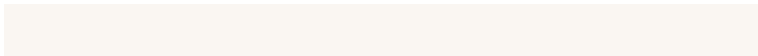
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



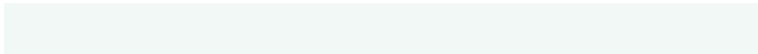
87.6355, 92.5412, 104.5101



89.2569, 92.5412, 101.6882



88.2806, 92.5412, 97.1039



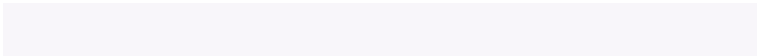
86.6710, 92.5412, 99.8408

Rectangle

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



87.6355, 92.5412, 104.5101



88.7431, 92.5412, 103.8811



88.2806, 92.5412, 97.1039



87.1768, 92.5412, 97.7053

Sweetspot

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



87.6381, 92.5451, 104.5121



93.7130, 98.7095, 108.7214



88.2287, 94.7577, 101.5292



20.0726, 21.1415, 23.2727



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.



87.6381, 92.5451, 104.5121



89.7925, 94.9087, 108.1944



86.4667, 90.2023, 104.1217



18.2040, 19.2575, 22.1429



13.1948, 11.7452, 49.5452



1.3281, 1.2998, 4.6241

Inverse Universe

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



88.6248, 91.3276, 100.9572



91.0723, 93.3400, 103.5807



90.4183, 95.8928, 98.5391



18.5139, 18.8801, 21.0254



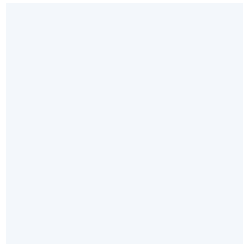
22.9522, 11.5966, 11.7224



2.1793, 1.0954, 1.3675

Previews

White Background



This preview shows how the XYZ color 87.6355, 92.5412, 104.5101 looks on a white background.

Color Contrast Check

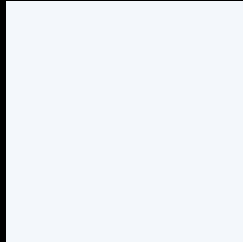
Large Text (above 18pt) WCAG AA × Fail

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 87.6355, 92.5412, 104.5101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

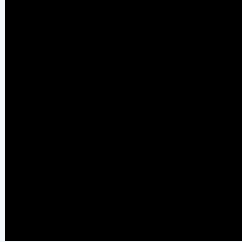
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

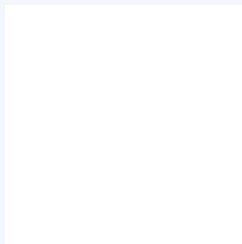
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.6355, 92.5412, 104.5101

Background



This preview shows how black text looks on a background with the XYZ color 87.6355, 92.5412, 104.5101.

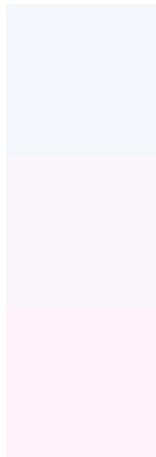


This preview shows how white text looks on a background with the XYZ color 87.6355, 92.5412,

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

87.6355, 92.5412, 104.5101

Protanopia

89.3321, 92.5309, 103.5944

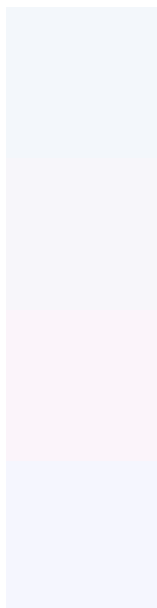
Deuteranopia

90.3895, 92.2007, 102.6550

Tritanopia

89.0118, 92.7244, 107.8139

Trichromacy



Original Color

87.6355, 92.5412, 104.5101

Protanomaly

88.5689, 92.5878, 103.6456

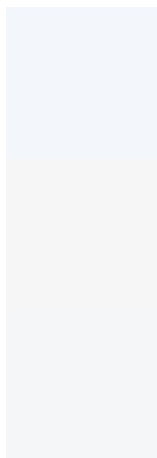
Deuteranomaly

89.3897, 92.1127, 103.5107

Tritanomaly

88.5013, 92.4798, 106.9518

Monochromacy



Original Color

87.6355, 92.5412, 104.5101

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.5552, 92.1013, 101.9696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.6355, 92.5412, 104.5101 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(243, 247, 251)` looks like.

```
.text, #text, p{  
    color:rgb(243, 247, 251)  
}
```

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(243, 247, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 247, 251) }
```

Border

The CSS property to change the border of an element to XYZ 87.6355, 92.5412, 104.5101 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(243, 247, 251) }
```


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

```
.border{ border-color:rgb(243, 247, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 247, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 247, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 247, 251);  
box-shadow:4px 4px 4px 4px rgb(243, 247,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 87.6355, 92.5412, 104.5101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 247, 251) }
```

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

```
.background{ background-color: rgb(243,  
247, 251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor