

Converting Colors

XYZ(87.8300, 92.5366,
104.3908)

Have a look what the booklet for
XYZ(87.8300, 92.5366, 104.3908)
contains.

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Color

**XYZ(87.9816, 92.7197,
104.5263)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F7FB
RGB	244, 247, 251
RGB Percent	96%, 97%, 98%
CMY	0.0431, 0.0313, 0.0157
CMYK	0.03, 0.02, 0.00, 0.02
HSL	214°, 47%, 97%
HSV	214°, 3%, 98%
XYZ	87.9816, 92.7197, 104.5263
YIQ	246.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

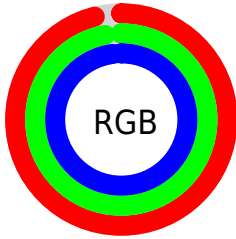
Format	Color
R_{YB}	244, 246, 251
Decimal	16054267
CIE _{Lab}	97.11, -0.27, -2.27
CIE _{LCh}	97, 2.288, 263.253
Yxy	92.7197, 0.3085, 0.3251
Android (android.graphics.Color)	4294244347 (0xFFFF4F7FB)
YUV	246.5590, 2.1894, -2.2442
Hunter-Lab	96.2911, -5.4131, 3.0430

Details

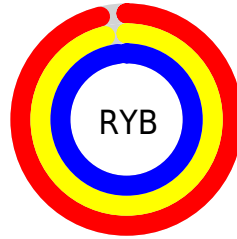
The XYZ color 87.9816, 92.7197, 104.5263 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.6803, 94.1746, 99.0402, and the grayscale version is 88.0370, 92.6217, 100.8651.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.2202, 51.8931, 59.0519 is the 20% darker color. If you saturate the color by 10%, you get 75.6444, 80.1054, 102.7431, and if you desaturate by 10%, it is 94.4128, 99.7451, 105.5448.

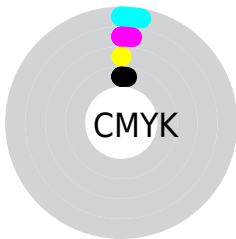
Distribution



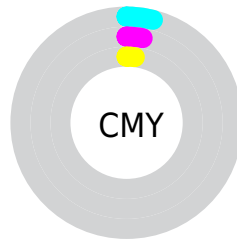
- Red (96%)
- Green (97%)
- Blue (98%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.9816, 92.7197, 104.5263 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 87.9816, 92.7197, 104.5263 by changing the saturation by 10% instead.

87.9816, 92.7197,
104.5263

87.9816, 92.7197,
104.5263

509.7793,
536.8388, 595.9791

66.6386, 70.2386,
79.4481

143.4242,
151.1105, 169.4695

49.0606, 51.7210,
58.7408

178.2545,
187.7889, 210.1716

34.8823, 36.7828,
41.9859

218.3112,
229.9686, 256.9187

23.7383, 25.0393,
28.7647

263.9598,
278.0338, 310.1295

15.2633, 16.1064,
18.6589

315.5655,
332.3691, 370.2223

9.0919, 9.5995,
11.2497

373.4938,

4.8588, 5.1342,

393.3587, 437.6159

6.1188

438.1099,
461.3872, 512.7286

■ 2.1985, 2.3262,
2.8475

■ 0.7420, 0.7875,
1.0173

■ 87.9816, 92.7197,
104.5263

■ 87.9816, 92.7197,
104.5263

■ 75.6444, 80.1054,
102.7431

94.4128, 99.7451,
105.5448

■ 64.7722, 68.7324,
101.1210

■ 55.3089, 58.5630,
99.6568

■ 47.1919, 49.5526,
98.3455

■ 40.3533, 41.6540,
97.1813

■ 34.7190, 34.8158,
96.1584

■ 30.2062, 28.9818,
95.2701

■ 26.7204, 24.0889,
94.5094

■ 24.1487, 20.0638,
93.8681

Harmonies

Analogous

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



87.3870, 92.7197, 103.8303



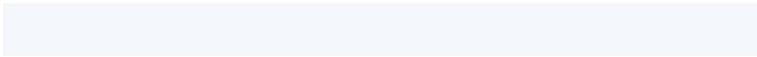
87.9816, 92.7197, 104.5263



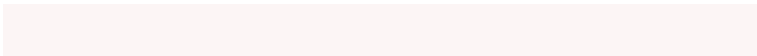
88.6181, 92.7197, 104.2563

Triad

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



87.9816, 92.7197, 104.5263



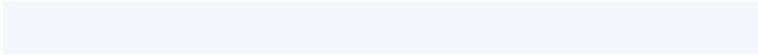
89.2722, 92.7197, 99.5595



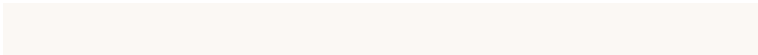
87.1368, 92.7197, 98.8448

Complementary

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



87.9816, 92.7197, 104.5263



89.6803, 94.1746, 99.0402

Split Complementary

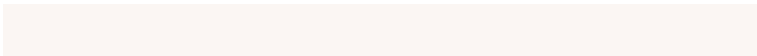
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.6383, 92.7197, 97.7261



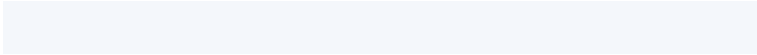
87.9816, 92.7197, 104.5263



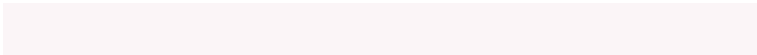
88.8717, 92.7197, 98.1352

Square

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



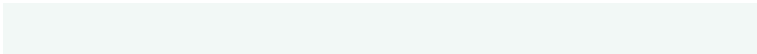
87.9816, 92.7197, 104.5263



89.3653, 92.7197, 101.3741



88.2731, 92.7197, 97.4679



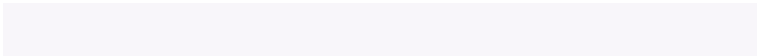
86.9008, 92.7197, 100.5391

Rectangle

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



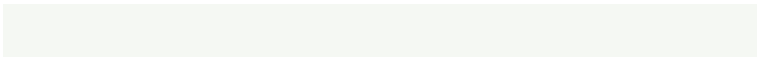
87.9816, 92.7197, 104.5263



88.9803, 92.7197, 103.5664



88.2731, 92.7197, 97.4679



87.2798, 92.7197, 98.3898

Sweetspot

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



87.9842, 92.7237, 104.5283



93.6554, 98.5943, 108.7022



88.7449, 95.0042, 102.4415



20.0608, 21.1181, 23.2688



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.



87.9842, 92.7237, 104.5283



90.9140, 95.8232, 108.3118



87.2351, 90.9846, 104.2321



18.4090, 19.4119, 22.1619



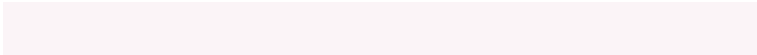
12.0939, 9.5433, 49.1782



1.2230, 1.0896, 4.5890

Inverse Universe

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



88.9249, 91.9277, 101.0574



91.9627, 94.9377, 104.4417



90.4434, 95.9501, 99.3427



18.6797, 19.1852, 21.1624



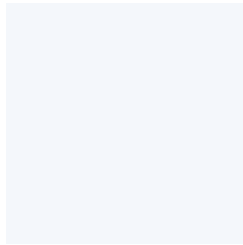
22.3965, 11.3743, 8.7961



2.1262, 1.0742, 1.0881

Previews

White Background



This preview shows how the XYZ color 87.9816, 92.7197, 104.5263 looks on a white background.

Color Contrast Check

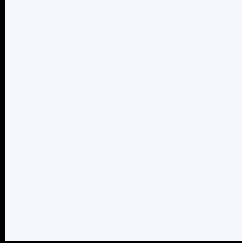
Large Text (above 18pt) WCAG AA × Fail

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 87.9816, 92.7197, 104.5263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

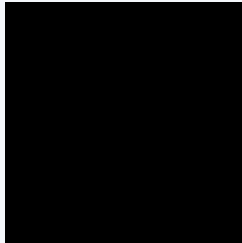
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

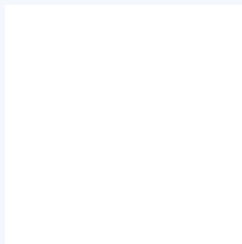
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.9816, 92.7197, 104.5263

Background



This preview shows how black text looks on a background with the XYZ color 87.9816, 92.7197, 104.5263.



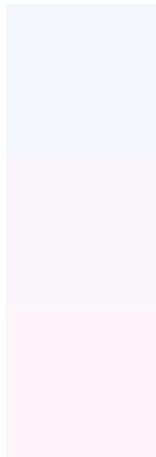
This preview shows how white text looks on a background with the XYZ color 87.9816, 92.7197,

104.5263.

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

87.9816, 92.7197, 104.5263

Protanopia

89.3321, 92.5309, 103.5944

Deuteranopia

90.6896, 92.8009, 102.7550

Tritanopia

89.0118, 92.7244, 107.8139

Trichromacy



Original Color

87.9816, 92.7197, 104.5263

Protanomaly

88.9225, 92.7701, 103.6622

Deuteranomaly

89.6914, 92.7162, 103.6112

Tritanomaly

88.5013, 92.4798, 106.9518

Monochromacy



Original Color

87.9816, 92.7197, 104.5263

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.2101, 92.8917, 102.0877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.9816, 92.7197, 104.5263 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, 247, 251) looks like.

```
.text, #text, p{  
    color:rgb(244, 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(244, 247, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 247, 251) }
```

Border

The CSS property to change the border of an element to XYZ 87.9816, 92.7197, 104.5263 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, 247, 251) }
```


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

```
.border{ border-color:rgb(244, 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(244, 247, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 247, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 247, 251);  
box-shadow:4px 4px 4px 4px rgb(244, 247,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 87.9816, 92.7197, 104.5263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 247, 251) }
```

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

```
.background{ background-color: rgb(244,  
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](#).

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