

Converting Colors

XYZ(87.1052, 91.7867,
103.7109)

Have a look what the booklet for
XYZ(87.1052, 91.7867, 103.7109)
contains.

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Color

**XYZ(87.1732, 91.8683,
103.5803)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F6FA
RGB	243, 246, 250
RGB Percent	95%, 96%, 98%
CMY	0.0471, 0.0353, 0.0196
CMYK	0.03, 0.02, 0.00, 0.02
HSL	214°, 41%, 97%
HSV	214°, 3%, 98%
XYZ	87.1732, 91.8683, 103.5803
YIQ	245.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

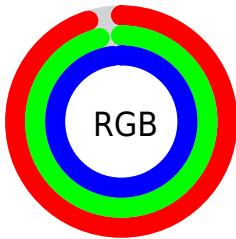
Format	Color
R _Y B	243, 245, 250
Decimal	15988474
CIE Lab	96.77, -0.27, -2.27
CIE LCh	97, 2.290, 263.256
Yxy	91.8683, 0.3084, 0.3251
Android (android.graphics.Color)	4294178554 (0xFF3F6FA)
YUV	245.5590, 2.1894, -2.2442
Hunter-Lab	95.8480, -5.3891, 3.0205

Details

The XYZ color **87.1732, 91.8683, 103.5803** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.8629, 93.3156, 98.1235**, and the grayscale version is **87.2282, 91.7708, 99.9384**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6446, 51.2867, 58.3744** is the 20% darker color. If you saturate the color by 10%, you get **74.9513, 79.3715, 101.8137**, and if you desaturate by 10%, it is **94.2556, 99.6822, 104.7167**.

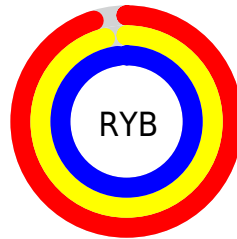
Distribution



Red (95%)

Green (96%)

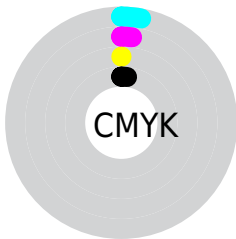
Blue (98%)



Red (95%)

Yellow (96%)

Blue (98%)

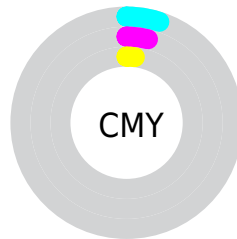


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (2%)



Cyan (5%)

Magenta (4%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.1732, 91.8683, 103.5803 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 87.1732, 91.8683, 103.5803 by changing the saturation by 10% instead.

87.1732, 91.8683,
103.5803

87.1732, 91.8683,
103.5803

507.1678,
534.0898, 592.9559

65.9671, 69.5312,
78.6605

142.3040,
149.9308, 168.1633

48.5133, 51.1445,
58.0970

176.9593,
186.4251, 208.6636

34.4465, 36.3236,
41.4714

216.8284,
228.4073, 255.1944

23.4013, 24.6842,
28.3652

262.2766,
276.2617, 308.1744

15.0124, 15.8419,
18.3597

313.6693,
330.3727, 368.0219

8.9145, 9.4124,
11.0364

371.3718,

4.7421, 5.0111,

391.1249, 435.1557

5.9769

435.7496,
458.9024, 509.9942

■ 2.1299, 2.2538,
2.7624

■ 0.7054, 0.7491,
0.9747

■ 87.1732, 91.8683,
103.5803

■ 87.1732, 91.8683,
103.5803

■ 74.9513, 79.3715,
101.8137

■ 94.2556, 99.6822,
104.7167

■ 64.1805, 68.1044,
100.2066

■ 54.8054, 58.0293,
98.7561

■ 46.7637, 49.1025,
97.4569

■ 39.9884, 41.2769,
96.3035

■ 34.4060, 34.5017,
95.2900

■ 29.9345, 28.7212,
94.4099

■ 26.4805, 23.8731,
93.6562

■ 23.9319, 19.8846,
93.0206

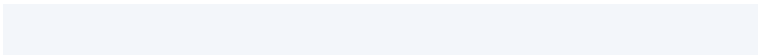
Harmonies

Analogous

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



86.5818, 91.8683, 102.8881



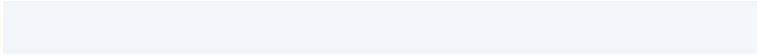
87.1732, 91.8683, 103.5803



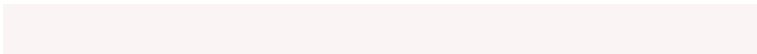
87.8063, 91.8683, 103.3116

Triad

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



87.1732, 91.8683, 103.5803



88.4569, 91.8683, 98.6399



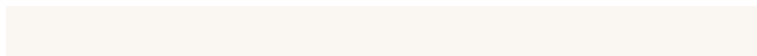
86.3328, 91.8683, 97.9293

Complementary

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



87.1732, 91.8683, 103.5803



88.8629, 93.3156, 98.1235

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.



86.8317, 91.8683, 96.8166



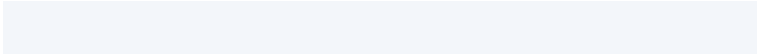
87.1732, 91.8683, 103.5803



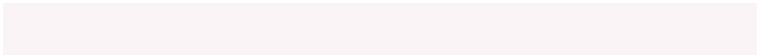
88.0585, 91.8683, 97.2233

Square

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



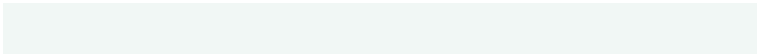
87.1732, 91.8683, 103.5803



88.5494, 91.8683, 100.4446



87.4631, 91.8683, 96.5597



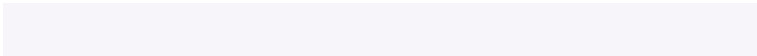
86.0982, 91.8683, 99.6144

Rectangle

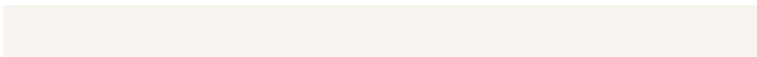
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



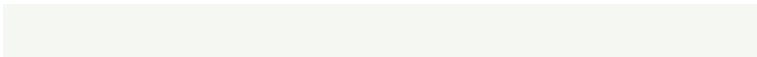
87.1732, 91.8683, 103.5803



88.1665, 91.8683, 102.6254



87.4631, 91.8683, 96.5597



86.4751, 91.8683, 97.4767

Sweetspot

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



87.1758, 91.8722, 103.5823



93.6554, 98.5943, 108.7022



87.9325, 94.1407, 101.5065



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.



87.1758, 91.8722, 103.5823



90.9139, 95.8231, 108.3118



86.4307, 90.1426, 103.2877



18.4090, 19.4119, 22.1619



12.0936, 9.5428, 49.1781



1.2230, 1.0896, 4.5890

Inverse Universe

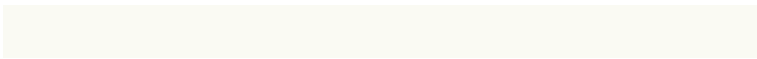
The Inverse Universe completely reimagines the original color for something new.



88.1115, 91.0807, 100.1297



91.9627, 94.9377, 104.4416



89.6220, 95.0816, 98.4244



18.6797, 19.1852, 21.1624



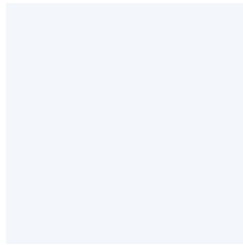
22.3963, 11.3743, 8.7954



2.1262, 1.0742, 1.0881

Previews

White Background



This preview shows how the XYZ color 87.1732, 91.8683, 103.5803 looks on a white background.

Color Contrast Check

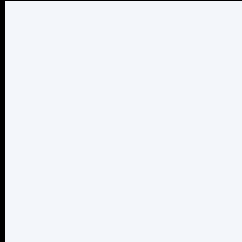
Large Text (above 18pt) WCAG AA × Fail

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 87.1732, 91.8683, 103.5803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

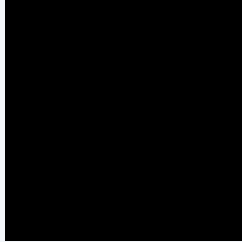
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

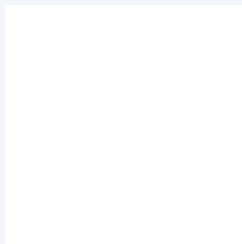
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.1732, 91.8683, 103.5803

Background



This preview shows how black text looks on a background with the XYZ color 87.1732, 91.8683, 103.5803.



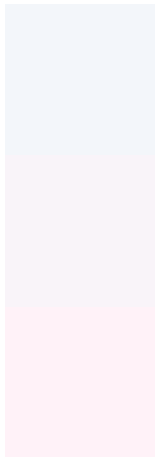
This preview shows how white text looks on a background with the XYZ color 87.1732, 91.8683,

103.5803.

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

87.1732, 91.8683, 103.5803

Protanopia

88.5165, 91.6807, 102.6533

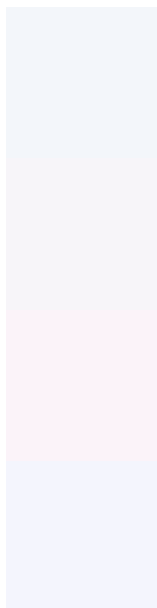
Deuteranopia

89.9354, 91.5416, 101.7361

Tritanopia

88.3586, 91.9373, 107.6964

Trichromacy



Original Color

87.1732, 91.8683, 103.5803

Protanomaly

88.1091, 91.9185, 102.7207

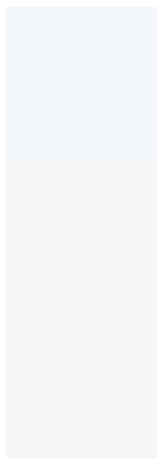
Deuteranomaly

88.9331, 91.4500, 102.5869

Tritanomaly

87.6903, 91.6298, 105.9930

Monochromacy



Original Color

87.1732, 91.8683, 103.5803

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.4005, 92.0394, 101.1546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.1732, 91.8683, 103.5803 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, 246, 250) looks like.

```
.text, #text, p{  
    color:rgb(243, 246, 250)  
}
```

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, 246, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 246, 250) }
```

Border

The CSS property to change the border of an element to XYZ 87.1732, 91.8683, 103.5803 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, 246, 250) }
```


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

```
.border{ border-color:rgb(243, 246, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 246, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 246, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 246, 250);  
box-shadow:4px 4px 4px 4px rgb(243, 246,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 87.1732, 91.8683, 103.5803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 246, 250) }
```

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

```
.background{ background-color: rgb(243,  
246, 250) }
```

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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