

Converting Colors

XYZ(88.0178, 90.6659,
101.6102)

Have a look what the booklet for
XYZ(88.0178, 90.6659, 101.6102)
contains.

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Color

**XYZ(88.1197, 90.6056,
101.6512)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF2F8
RGB	250, 242, 248
RGB Percent	98%, 95%, 97%
CMY	0.0196, 0.0510, 0.0274
CMYK	0.00, 0.03, 0.01, 0.02
HSL	315°, 44%, 96%
HSV	315°, 3%, 98%
XYZ	88.1197, 90.6056, 101.6512
YIQ	245.0760, 2.8420, 3.5620

Conversions

Conversions Part 2

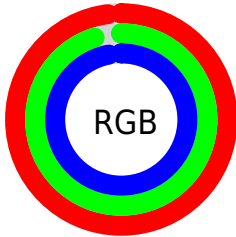
Format	Color
R _Y B	250, 242, 248
Decimal	16446200
CIE Lab	96.25, 3.72, -1.94
CIE LCh	96, 4.196, 332.455
Yxy	90.6056, 0.3143, 0.3232
Android (android.graphics.Color)	4294636280 (0xFFFAF2F8)
YUV	245.0760, 1.4415, 4.3183
Hunter-Lab	95.1870, -1.3302, 3.3144

Details

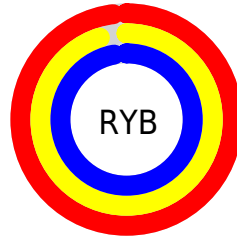
The XYZ color **88.1197, 90.6056, 101.6512** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.1360, 93.7823, 99.1017**, and the grayscale version is **86.8416, 91.3641, 99.4956**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.3215, 50.3929, 56.9965** is the 20% darker color. If you saturate the color by 10%, you get **80.2285, 76.3487, 94.3153**, and if you desaturate by 10%, it is **93.1150, 99.0163, 108.1839**.

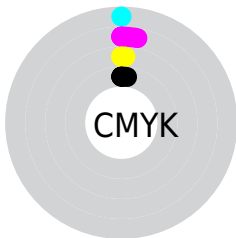
Distribution



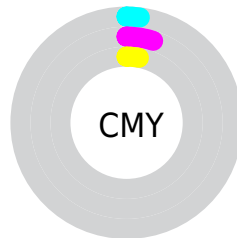
- Red (98%)
- Green (95%)
- Blue (97%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.1197, 90.6056, 101.6512 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 88.1197, 90.6056, 101.6512 by changing the saturation by 10% instead.

88.1197, 90.6056,
101.6512

88.1197, 90.6056,
101.6512

510.2247,
529.9989, 586.7655

66.7533, 68.4830,
77.0557

143.6155,
148.1793, 165.4961

49.1541, 50.2908,
56.7867

178.4756,
184.3993, 205.5825

34.9568, 35.6445,
40.4258

218.5643,
226.0871, 251.6697

23.7960, 24.1598,
27.5544

264.2470,
273.6273, 304.1762

15.3063, 15.4522,
17.7539

315.8890,
327.4041, 363.5205

9.1223, 9.1374,
10.6059

373.8558,

4.8788, 4.8309,

387.8021, 430.1211

5.6916

438.5125,
455.2055, 504.3966

■ 2.2103, 2.1484,
2.5928

■ 0.7482, 0.6916,
0.8887

■ 88.1197, 90.6056,
101.6512

■ 88.1197, 90.6056,
101.6512

■ 80.2285, 76.3487,
94.3153

■ 93.1150, 99.0163,
108.1839

■ 73.3430, 64.0530,
87.4719

■ 93.2348, 99.0642,
108.8151

■ 67.4216, 53.6345,
81.1066

■ 62.4168, 44.9991,
75.2022

■ 58.2772, 38.0443,
69.7397

■ 54.9460, 32.6569,
64.6986

■ 52.3595, 28.7100,
60.0561

■ 50.4439, 26.0569,
55.7858

■ 49.1098, 24.5191,
51.8563

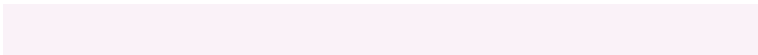
Harmonies

Analogous

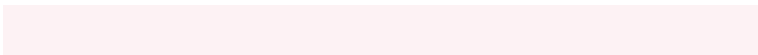
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3258, 90.6056, 104.1680



88.1197, 90.6056, 101.6512



88.3757, 90.6056, 98.3795

Triad

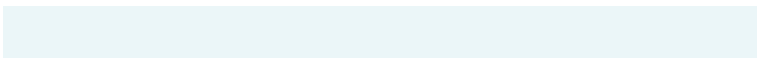
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1197, 90.6056, 101.6512



86.0220, 90.6056, 92.3814



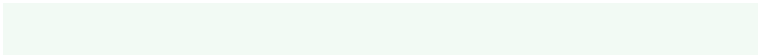
84.2412, 90.6056, 102.1376

Complementary

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



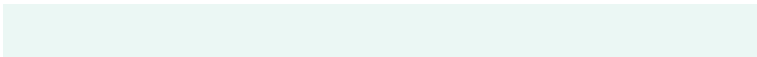
88.1197, 90.6056, 101.6512



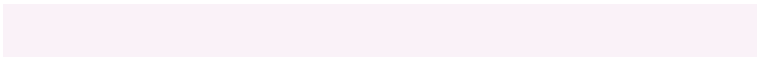
87.1360, 93.7823, 99.1017

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.



83.8989, 90.6056, 98.9292



88.1197, 90.6056, 101.6512



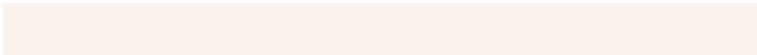
84.9212, 90.6056, 93.3383

Square

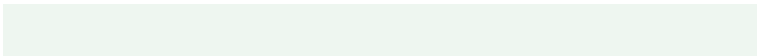
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



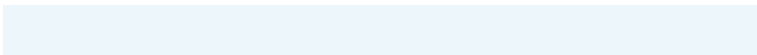
88.1197, 90.6056, 101.6512



87.1581, 90.6056, 93.0736



84.1467, 90.6056, 95.7165



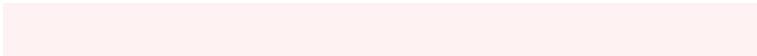
85.0860, 90.6056, 104.4533

Rectangle

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



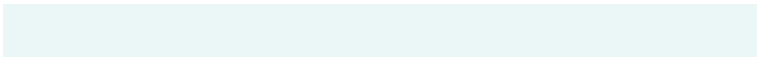
88.1197, 90.6056, 101.6512



88.2051, 90.6056, 96.2235



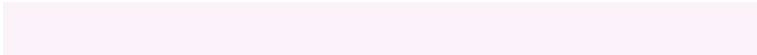
84.1467, 90.6056, 95.7165



84.0639, 90.6056, 101.1253

Sweetspot

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



88.1223, 90.6095, 101.6532



94.1394, 98.3428, 108.0907



86.3194, 89.6440, 103.1971



20.1593, 21.0669, 23.1444



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.



88.1223, 90.6095, 101.6532



91.4739, 93.5006, 105.6952



87.5086, 90.3640, 98.4216



18.6111, 18.9189, 21.5371



25.7574, 12.7187, 26.4947



2.4279, 1.1949, 2.6765

Inverse Universe

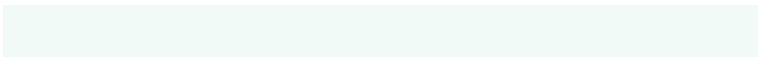
The Inverse Universe completely reimagines the original color for something new.



88.1223, 90.6095, 101.6532



91.4739, 93.5006, 105.6952



87.7497, 94.0278, 102.3332



18.6111, 18.9189, 21.5371



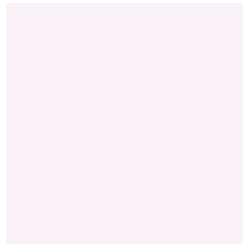
25.7574, 12.7187, 26.4947



2.4279, 1.1949, 2.6765

Previews

White Background



This preview shows how the XYZ color 88.1197, 90.6056, 101.6512 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 88.1197, 90.6056, 101.6512 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 88.1197, 90.6056, 101.6512

Background



This preview shows how black text looks on a background with the XYZ color 88.1197, 90.6056, 101.6512.



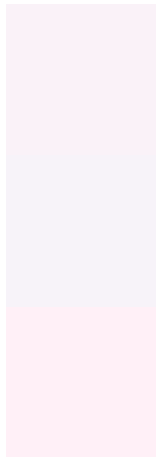
This preview shows how white text looks on a background with the XYZ color 88.1197, 90.6056,

101.612.

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

88.1197, 90.6056, 101.6512

Protanopia

87.5072, 90.7149, 102.5201

Deuteranopia

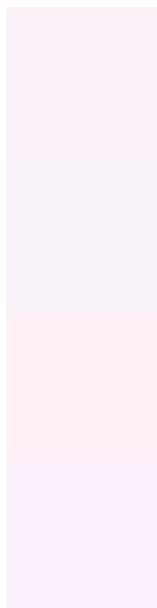
89.1886, 90.2956, 100.7237



Tritanopia

88.9296, 90.4546, 107.3801

Trichromacy



Original Color

88.1197, 90.6056, 101.6512

Protanomaly

87.8609, 90.8972, 102.5367

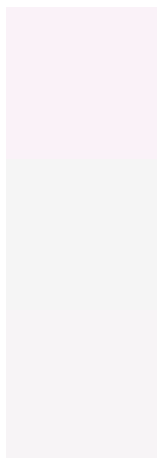
Deuteranomaly

88.7518, 90.5086, 100.7879

Tritanomaly

88.4503, 90.2629, 104.8561

Monochromacy



Original Color

88.1197, 90.6056, 101.6512

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.3430, 91.1293, 100.1750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.1197, 90.6056, 101.6512 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(250, 242, 248)` looks like.

```
.text, #text, p{  
    color:rgb(250, 242, 248)  
}
```

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(250, 242, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 242, 248) }
```

Border

The CSS property to change the border of an element to XYZ 88.1197, 90.6056, 101.6512 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(250, 242, 248) }
```


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

```
.border{ border-color:rgb(250, 242, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 242, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 242, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 242, 248);  
box-shadow:4px 4px 4px 4px rgb(250, 242,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 88.1197, 90.6056, 101.6512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 242, 248) }
```

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

```
.background{ background-color: rgb(250,  
242, 248) }
```

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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