

Converting Colors

XYZ(88.7169, 89.9668, 98.6716)

Have a look what the booklet for
XYZ(88.7169, 89.9668, 98.6716)
contains.

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Color

**XYZ(88.7292, 90.1118,
98.3047)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF0F4
RGB	255, 240, 244
RGB Percent	100%, 94%, 96%
CMY	0.0000, 0.0588, 0.0431
CMYK	0.00, 0.06, 0.04, 0.00
HSL	344°, 100%, 97%
HSV	344°, 6%, 100%
XYZ	88.7292, 90.1118, 98.3047
YIQ	244.9410, 7.6560, 4.4240

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 240, 244
Decimal	16773364
CIE _{Lab}	96.04, 5.72, -0.12
CIE _{LCh}	96, 5.724, 358.764
Yxy	90.1118, 0.3202, 0.3251
Android (android.graphics.Color)	4294963444 (0xFFFFF0F4)
YUV	244.9410, -0.4639, 8.8217
Hunter-Lab	94.9272, 0.7226, 5.0496

Details

The XYZ color **88.7292, 90.1118, 98.3047** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.1105, 97.0116, 105.2989**, and the grayscale version is **86.7448, 91.2622, 99.3846**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.5063, 49.9176, 54.6027** is the 20% darker color. If you saturate the color by 10%, you get **79.0460, 75.0621, 81.7690**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



Red (100%)

Green (94%)

Blue (96%)



Red (100%)

Yellow (94%)

Blue (96%)



Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.7292, 90.1118, 98.3047 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 88.7292, 90.1118, 98.3047 by changing the saturation by 10% instead.


 88.7292, 90.1118,
98.3047

 88.7292, 90.1118,
98.3047


512.1880,
528.3945, 575.9438

 67.2599, 68.0734,
74.2765


144.4593,
147.4937, 160.8570

 49.5674, 49.9574,
54.5222


179.4508,
183.6059, 200.2182

 35.2862, 35.3796,
38.6233


219.6804,
225.1782, 245.5274

 24.0509, 23.9554,
26.1612

265.5136,
272.5950, 297.2033

 15.4963, 15.3005,
16.7175

317.3155,
326.2406, 355.6643

 9.2570, 9.0306,
9.8734

375.4517,

 4.9677, 4.7611,

386.4994, 421.3291

5.2106

440.2874,
453.7559, 494.6160

■ 2.2629, 2.1078,
2.3105

■ 0.7756, 0.6690,
0.7371

■ 88.7292, 90.1118,
98.3047

■ 88.7292, 90.1118,
98.3047

■ 79.0460, 75.0621,
81.7690

95.0500, 100.0000,
108.9000

■ 70.6516, 62.1428,
67.0414

■ 63.4922, 51.2604,
54.0612

■ 57.5079, 42.3101,
42.7618

■ 52.6338, 35.1778,
33.0723

■ 48.7980, 29.7371,
24.9165

■ 45.9204, 25.8456,
18.2115

■ 43.9078, 23.3368,
12.8657

■ 42.6468, 22.0052,
8.7752

Harmonies

Analogous

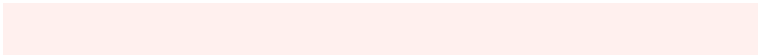
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2787, 90.1118, 102.7087



88.7292, 90.1118, 98.3047



88.3458, 90.1118, 93.9794

Triad

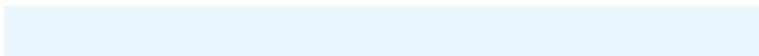
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7292, 90.1118, 98.3047



84.1916, 90.1118, 90.6683



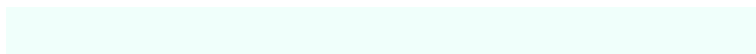
84.0791, 90.1118, 105.7637

Complementary

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



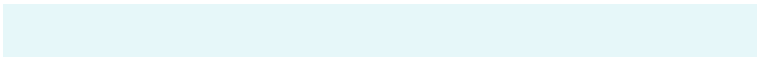
88.7292, 90.1118, 98.3047



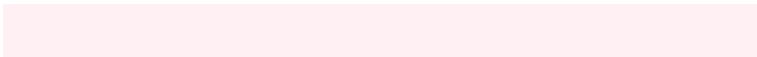
89.1105, 97.0116, 105.2989

Split Complementary

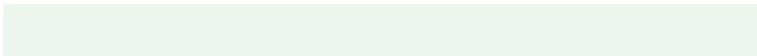
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.0068, 90.1118, 102.3731



88.7292, 90.1118, 98.3047



83.0712, 90.1118, 93.6631

Square

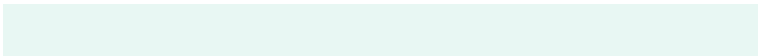
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



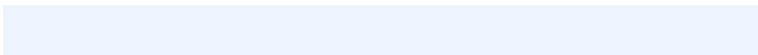
88.7292, 90.1118, 98.3047



85.7143, 90.1118, 89.6531



82.6401, 90.1118, 97.9284



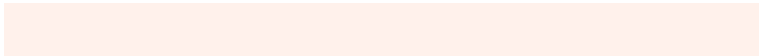
85.5829, 90.1118, 107.0962

Rectangle

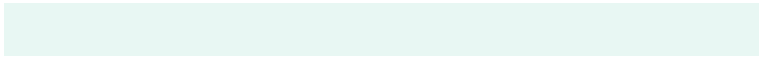
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



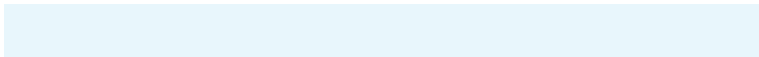
88.7292, 90.1118, 98.3047



87.6715, 90.1118, 91.7033



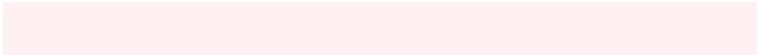
82.6401, 90.1118, 97.9284



83.6570, 90.1118, 104.8218

Sweetspot

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



88.7312, 90.1155, 98.3066



92.8480, 96.5505, 105.2235



88.9961, 90.0532, 107.2992



19.8964, 20.7019, 22.5608



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

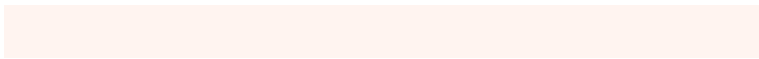
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.7312, 90.1155, 98.3066



87.5806, 88.3205, 96.3625



89.1709, 91.9552, 95.4921



18.6146, 18.6996, 20.4034



22.1456, 11.3475, 4.1510



2.1992, 1.1221, 0.6305

Inverse Universe

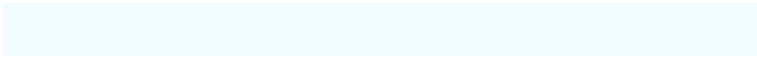
The Inverse Universe completely reimagines the original color for something new.



88.7312, 90.1155, 98.3066



87.5806, 88.3205, 96.3625



88.6412, 95.0544, 108.2832



18.6146, 18.6996, 20.4034



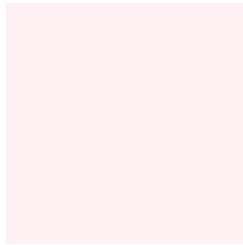
22.1456, 11.3475, 4.1510



2.1992, 1.1221, 0.6305

Previews

White Background



This preview shows how the XYZ color 88.7292, 90.1118, 98.3047 looks on a white background.

Color Contrast Check

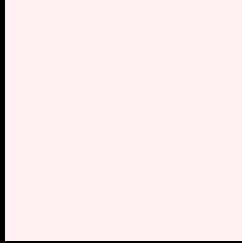
Large Text (above 18pt) WCAG AA × Fail

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 88.7292, 90.1118, 98.3047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

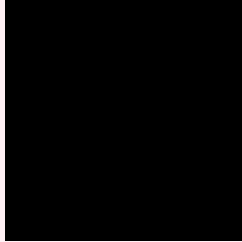
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.7292, 90.1118, 98.3047

Background



This preview shows how black text looks on a background with the XYZ color 88.7292, 90.1118, 98.3047.

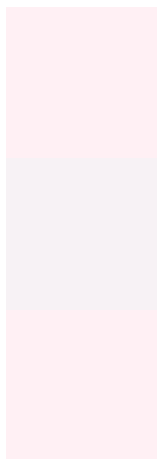


This preview shows how white text looks on a background with the XYZ color 88.7292, 90.1118,

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

88.7292, 90.1118, 98.3047

Protanopia

86.5913, 89.8710, 99.1692

Deuteranopia

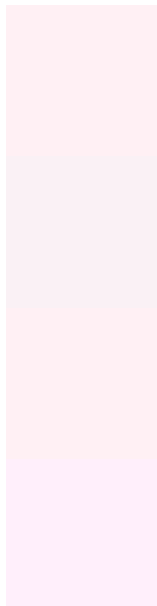
88.7292, 90.1118, 98.3047



Tritanopia

90.1565, 90.2130, 107.2688

Trichromacy



Original Color

88.7292, 90.1118, 98.3047

Protanomaly

87.3611, 89.8272, 99.1202

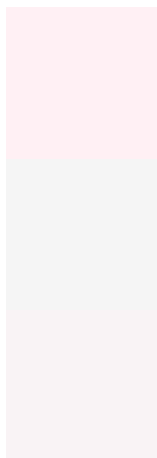
Deuteranomaly

88.7292, 90.1118, 98.3047

Tritanomaly

89.5191, 89.9580, 103.9123

Monochromacy



Original Color

88.7292, 90.1118, 98.3047

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.5989, 90.8335, 99.3019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.7292, 90.1118, 98.3047 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(255, 240, 244) looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 244)  
}
```

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(255, 240, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 244) }
```

Border

The CSS property to change the border of an element to XYZ 88.7292, 90.1118, 98.3047 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(255, 240, 244) }
```


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

```
.border{ border-color:rgb(255, 240, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 88.7292, 90.1118, 98.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 244) }
```

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

```
.background{ background-color: rgb(255,  
240, 244) }
```

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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