

Converting Colors

XYZ(90.5647, 91.4788, 96.9600)

Have a look what the booklet for
XYZ(90.5647, 91.4788, 96.9600)
contains.

XYZ(88.7223, 90.5814, 96.8122)	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(88.7223, 90.5814,
96.8122)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF1F2
RGB	255, 241, 242
RGB Percent	100%, 95%, 95%
CMY	0.0000, 0.0549, 0.0510
CMYK	0.00, 0.05, 0.05, 0.00
HSL	356°, 100%, 97%
HSV	356°, 5%, 100%
XYZ	88.7223, 90.5814, 96.8122
YIQ	245.3000, 8.0230, 3.2790

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 241, 242
Decimal	16773618
CIE Lab	96.24, 4.87, 1.19
CIE LCh	96, 5.016, 13.779
Yxy	90.5814, 0.3213, 0.3281
Android (android.graphics.Color)	4294963698 (0xFFFFF1F2)
YUV	245.3000, -1.6269, 8.5069
Hunter-Lab	95.1743, -0.1557, 6.3116

Details

The XYZ color **88.7223, 90.5814, 96.8122** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.9278, 97.3779, 107.8257**, and the grayscale version is **87.0426, 91.5755, 99.7258**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.5006, 50.2489, 53.5444** is the 20% darker color. If you saturate the color by 10%, you get **78.3658, 75.1975, 76.9309**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



Red (100%)

Green (95%)

Blue (95%)



Red (100%)

Yellow (95%)

Blue (95%)



Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.7223, 90.5814, 96.8122 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 88.7223, 90.5814, 96.8122 by changing the saturation by 10% instead.


 88.7223, 90.5814,
96.8122

 88.7223, 90.5814,
96.8122


512.1658,
529.9203, 571.0823

 67.2542, 68.4630,
73.0390


144.4497,
148.1457, 158.7829

 49.5627, 50.2745,
53.5158


179.4398,
184.3604, 197.8175

 35.2824, 35.6315,
37.8242


219.6678,
226.0426, 242.7763

 24.0480, 24.1498,
25.5455

265.4992,
273.5767, 294.0778

 15.4942, 15.4447,
16.2612

317.2994,
327.3471, 352.1407

 9.2555, 9.1321,
9.5528

375.4336,

 4.9667, 4.8275,

387.7383, 417.3833

5.0018

440.2673,
455.1345, 490.2243

■ 2.2623, 2.1464,
2.1896

■ 0.7753, 0.6905,
0.6683

■ 88.7223, 90.5814,
96.8122

■ 88.7223, 90.5814,
96.8122

■ 78.3658, 75.1975,
76.9309

95.0500, 100.0000,
108.9000

■ 69.4633, 62.0130,
59.7194

■ 61.9516, 50.9306,
45.0657

■ 55.7603, 41.8417,
32.8477

■ 50.8129, 34.6279,
22.9332

■ 47.0250, 29.1584,
15.1776

■ 44.3018, 25.2852,
9.4198

■ 42.5333, 22.8361,
5.4761

■ 41.5852, 21.5990,
3.1286

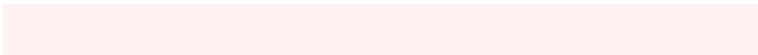
Harmonies

Analogous

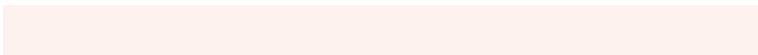
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.6922, 90.5814, 100.7859



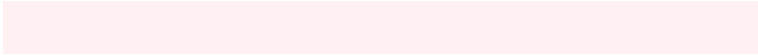
88.7223, 90.5814, 96.8122



88.0431, 90.5814, 93.4156

Triad

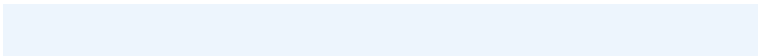
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7223, 90.5814, 96.8122



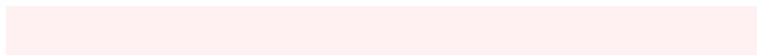
84.2552, 90.5814, 93.1928



85.3489, 90.5814, 106.1773

Complementary

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



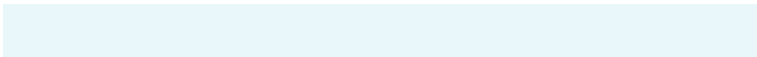
88.7223, 90.5814, 96.8122



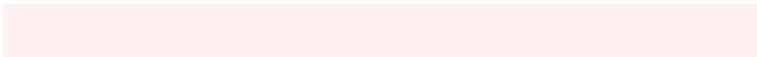
89.9278, 97.3779, 107.8257

Split Complementary

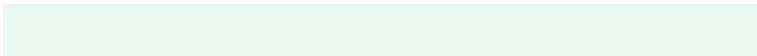
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.1756, 90.5814, 104.0302



88.7223, 90.5814, 96.8122



83.5489, 90.5814, 96.5006

Square

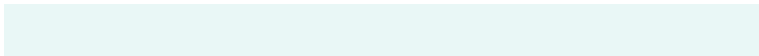
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.7223, 90.5814, 96.8122



85.4586, 90.5814, 91.3643



83.5199, 90.5814, 100.4658



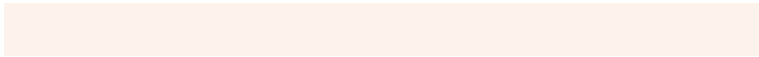
86.7343, 90.5814, 106.2663

Rectangle

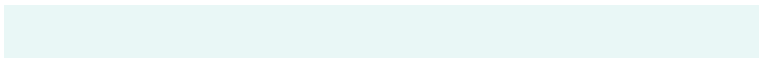
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



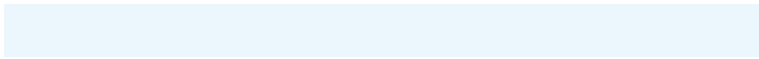
88.7223, 90.5814, 96.8122



87.2837, 90.5814, 91.9057



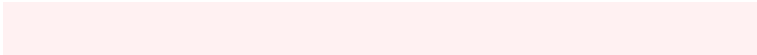
83.5199, 90.5814, 100.4658



84.9170, 90.5814, 105.6698

Sweetspot

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



88.7244, 90.5851, 96.8141



92.6911, 96.4877, 104.3974



90.3194, 91.1737, 107.4457



19.8644, 20.6891, 22.3925



0.0000, 0.0000, 0.0000



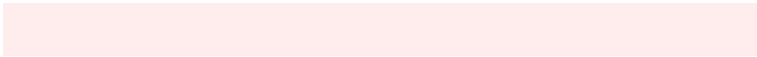
20.3446, 21.4041, 23.3091

Same Dimension

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



88.7244, 90.5851, 96.8141



87.0620, 88.1130, 93.6317



90.3290, 94.0330, 96.6132



18.4949, 18.6517, 19.7729



21.6254, 11.1395, 1.4120



2.1230, 1.0916, 0.2290

Inverse Universe

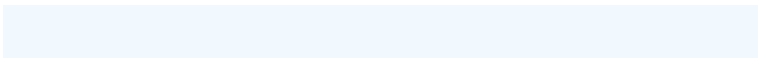
The Inverse Universe completely reimagines the original color for something new.



88.7244, 90.5851, 96.8141



87.0620, 88.1130, 93.6317



88.2557, 93.7778, 108.0571



18.4949, 18.6517, 19.7729



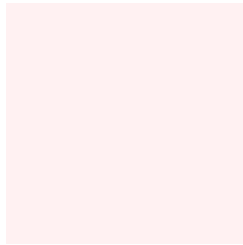
21.6254, 11.1395, 1.4120



2.1230, 1.0916, 0.2290

Previews

White Background



This preview shows how the XYZ color 88.7223, 90.5814, 96.8122 looks on a white background.

Color Contrast Check

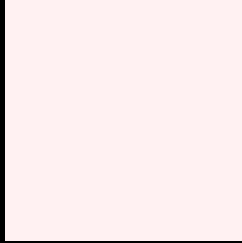
Large Text (above 18pt) WCAG AA × Fail

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 88.7223, 90.5814, 96.8122 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 88.7223, 90.5814, 96.8122

Background



This preview shows how black text looks on a background with the XYZ color 88.7223, 90.5814, 96.8122.

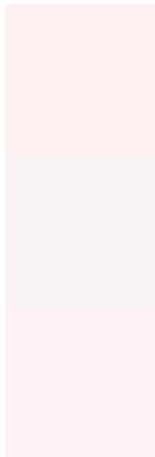


This preview shows how white text looks on a background with the XYZ color 88.7223, 90.5814,

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

88.7223, 90.5814, 96.8122

Protanopia

87.2952, 90.7120, 97.7022

Deuteranopia

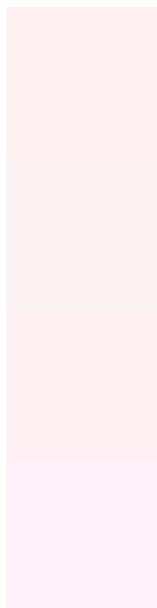
89.0244, 90.7022, 98.4031



Tritanopia

90.4501, 90.8002, 107.3667

Trichromacy



Original Color

88.7223, 90.5814, 96.8122

Protanomaly

87.7135, 90.4846, 97.6363

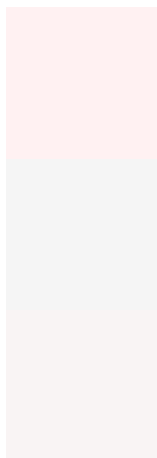
Deuteranomaly

88.8730, 90.6417, 97.6055

Tritanomaly

89.6554, 90.4823, 103.1820

Monochromacy



Original Color

88.7223, 90.5814, 96.8122

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.7467, 91.3728, 98.5999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.7223, 90.5814, 96.8122 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, 241, 242) looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 242)  
}
```

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, 241, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 242) }
```

Border

The CSS property to change the border of an element to XYZ 88.7223, 90.5814, 96.8122 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, 241, 242) }
```


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

```
.border{ border-color:rgb(255, 241, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 88.7223, 90.5814, 96.8122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 242) }
```

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

```
.background{ background-color: rgb(255,  
241, 242) }
```

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