

Converting Colors

XYZ(109.3138, 100.0000,
105.5904)

Have a look what the booklet for
XYZ(109.3138, 100.0000, 105.5904)
contains.

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Color

**XYZ(89.6772, 90.0213,
104.7448)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEEFC
RGB	255, 239, 252
RGB Percent	100%, 94%, 99%
CMY	0.0000, 0.0627, 0.0118
CMYK	0.00, 0.06, 0.01, 0.00
HSL	311°, 100%, 97%
HSV	311°, 6%, 100%
XYZ	89.6772, 90.0213, 104.7448
YIQ	245.2660, 5.3630, 7.4350

Conversions

Conversions Part 2

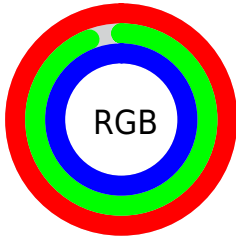
Format	Color
R_{YB}	255, 239, 252
Decimal	16773116
CIE _{Lab}	96.01, 7.62, -4.32
CIE _{LCh}	96, 8.758, 330.442
Yxy	90.0213, 0.3153, 0.3165
Android (android.graphics.Color)	4294963196 (0xFFFEFFFC)
YUV	245.2660, 3.3199, 8.5367
Hunter-Lab	94.8796, 2.6734, 0.9609

Details

The XYZ color **89.6772, 90.0213, 104.7448** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.3863, 96.2828, 97.9866**, and the grayscale version is **86.9781, 91.5077, 99.6519**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **50.0725, 49.8129, 58.6055** is the 20% darker color. If you saturate the color by 10%, you get **81.9844, 75.8325, 98.4908**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

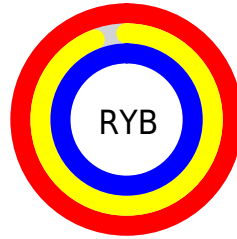
Distribution



Red (100%)

Green (94%)

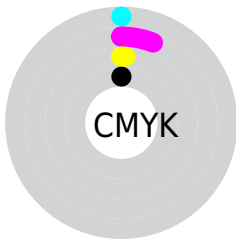
Blue (99%)



Red (100%)

Yellow (94%)

Blue (99%)

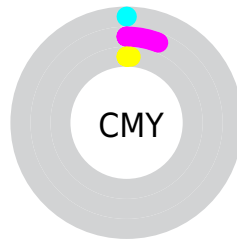


Cyan (0%)

Magenta (6%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (6%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.6772, 90.0213, 104.7448 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 89.6772, 90.0213, 104.7448 by changing the saturation by 10% instead.


 89.6772, 90.0213,
104.7448

 89.6772, 90.0213,
104.7448

515.2338,
528.1001, 596.6763

 68.0483, 67.9983,
79.6301


145.7706,
147.3680, 169.7710

 50.2109, 49.8964,
58.8896


180.9658,
183.4605, 210.5196

 35.7995, 35.3311,
42.1049


221.4138,
225.0116, 257.3166

 24.4488, 23.9180,
28.8572

267.4800,
272.4057, 310.5805

 15.7934, 15.2728,
18.7282

319.5298,
326.0272, 370.7299

 9.4680, 9.0111,
11.2992

377.9284,

 5.1072, 4.7484,

386.2605, 438.1833

6.1518

443.0413,
453.4900, 513.3593

■ 2.3457, 2.1004,
2.8673

■ 0.8179, 0.6649,
1.0273

■ 89.6772, 90.0213,
104.7448

■ 89.6772, 90.0213,
104.7448

■ 81.9844, 75.8325,
98.4908

95.0500, 100.0000,
108.9000

■ 75.3178, 63.6663,
92.6709

■ 69.6324, 53.4324,
87.2708

■ 64.8773, 45.0293,
82.2728

■ 60.9972, 38.3466,
77.6577

■ 57.9306, 33.2614,
73.4043

■ 55.6079, 29.6352,
69.4887

■ 53.9479, 27.3051,
65.8832

■ 52.8490, 26.0687,
62.5530

Harmonies

Analogous

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



87.9435, 90.0213, 109.9706



89.6772, 90.0213, 104.7448



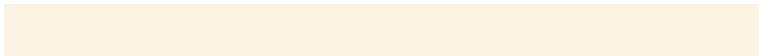
90.3038, 90.0213, 97.9152

Triad

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



89.6772, 90.0213, 104.7448



85.5267, 90.0213, 85.2782



81.6105, 90.0213, 104.9310

Complementary

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



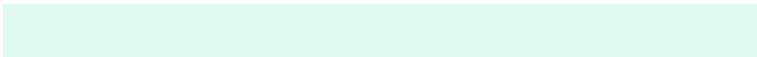
89.6772, 90.0213, 104.7448



87.3863, 96.2828, 97.9866

Split Complementary

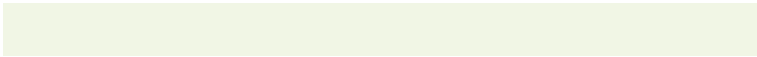
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.9902, 90.0213, 98.1207



89.6772, 90.0213, 104.7448



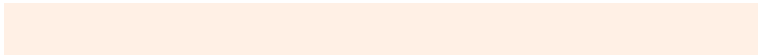
83.2249, 90.0213, 86.9643

Square

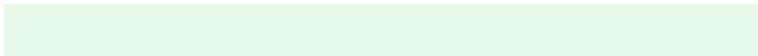
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.6772, 90.0213, 104.7448



87.8802, 90.0213, 86.8694



81.5757, 90.0213, 91.5853



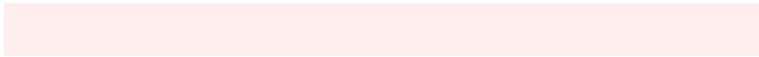
83.2860, 90.0213, 110.0816

Rectangle

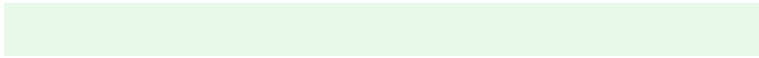
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.6772, 90.0213, 104.7448



90.0003, 90.0213, 93.4338



81.5757, 90.0213, 91.5853



81.2731, 90.0213, 102.7495

Sweetspot

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



89.6792, 90.0249, 104.7467



93.2910, 96.7277, 107.5561



85.5150, 87.8228, 107.0521



19.9865, 20.7380, 23.0356



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.



89.6792, 90.0249, 104.7467



88.2742, 87.4240, 103.6339



88.4481, 89.5325, 98.2641



18.6380, 18.2385, 21.9769



27.4985, 13.4887, 32.3394



2.7134, 1.3277, 3.3384

Inverse Universe

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



89.6792, 90.0249, 104.7467



88.2742, 87.4240, 103.6339



88.6038, 96.7698, 104.3978



18.6380, 18.2385, 21.9769



27.4985, 13.4887, 32.3394



2.7134, 1.3277, 3.3384

Previews

White Background



This preview shows how the XYZ color 89.6772, 90.0213, 104.7448 looks on a white background.

Color Contrast Check

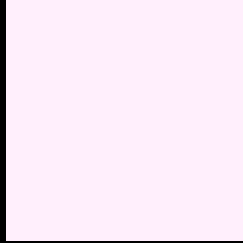
Large Text (above 18pt) WCAG AA × Fail

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 89.6772, 90.0213, 104.7448 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 89.6772, 90.0213, 104.7448

Background



This preview shows how black text looks on a background with the XYZ color 89.6772, 90.0213, 104.7448.



This preview shows how white text looks on a background with the XYZ color 89.6772, 90.0213,

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

89.6772, 90.0213, 104.7448

Protanopia

87.2977, 90.0725, 106.5506

Deuteranopia

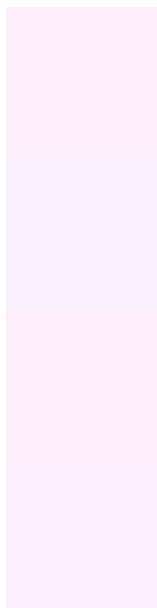
89.2054, 89.8326, 102.2603



Tritanopia

89.7896, 90.0238, 107.2517

Trichromacy



Original Color

89.6772, 90.0213, 104.7448

Protanomaly

88.2518, 90.1422, 105.6763

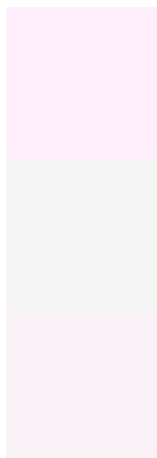
Deuteranomaly

89.3618, 89.8951, 103.0841

Tritanomaly

89.6289, 89.9596, 106.4059

Monochromacy



Original Color

89.6772, 90.0213, 104.7448

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

88.0608, 91.0182, 101.7339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.6772, 90.0213, 104.7448 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, 239, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 252)  
}
```

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, 239, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 252) }
```

Border

The CSS property to change the border of an element to XYZ 89.6772, 90.0213, 104.7448 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, 239, 252) }
```


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

```
.border{ border-color:rgb(255, 239, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 89.6772, 90.0213, 104.7448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 252) }
```

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

```
.background{ background-color: rgb(255,  
239, 252) }
```

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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