

Converting Colors

XYZ(89.9578, 90.4676,
105.1926)

Have a look what the booklet for
XYZ(89.9578, 90.4676, 105.1926)
contains.

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Color

**XYZ(89.9708, 90.6085,
104.8427)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF0FC
RGB	255, 240, 252
RGB Percent	100%, 94%, 99%
CMY	0.0000, 0.0588, 0.0118
CMYK	0.00, 0.06, 0.01, 0.00
HSL	312°, 100%, 97%
HSV	312°, 6%, 100%
XYZ	89.9708, 90.6085, 104.8427
YIQ	245.8530, 5.0880, 6.9120

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 240, 252
Decimal	16773372
CIE Lab	96.25, 7.11, -3.96
CIE LCh	96, 8.136, 330.850
Yxy	90.6085, 0.3152, 0.3175
Android (android.graphics.Color)	4294963452 (0xFFFFF0FC)
YUV	245.8530, 3.0305, 8.0219
Hunter-Lab	95.1885, 2.1358, 1.3286

Details

The XYZ color **89.9708, 90.6085, 104.8427** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.8756, 96.5177, 98.7957**, and the grayscale version is **87.4539, 92.0083, 100.1971**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **50.2795, 50.2269, 58.6745** is the 20% darker color. If you saturate the color by 10%, you get **82.1883, 76.3191, 98.3160**, 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 89.9708, 90.6085, 104.8427 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 89.9708, 90.6085, 104.8427 by changing the saturation by 10% instead.


 89.9708, 90.6085,
104.8427

 89.9708, 90.6085,
104.8427


516.1752,
530.0083, 596.9885

 68.2926, 68.4854,
79.7117


146.1764,
148.1833, 169.9061

 50.4104, 50.2928,
58.9563


181.4345,
184.4039, 210.6755

 35.9587, 35.6461,
42.1582

221.9500,
226.0924, 257.4948

 24.5723, 24.1610,
28.8987

268.0882,
273.6333, 310.7826

 15.8857, 15.4531,
18.7593

320.2144,
327.4110, 370.9573

 9.5336, 9.1380,
11.3214

378.6941,

 5.1507, 4.8313,

387.8097, 438.4375

6.1666

443.8926,
455.2140, 513.6417

■ 2.3716, 2.1486,
2.8762

■ 0.8309, 0.6918,
1.0318

■ 89.9708, 90.6085,
104.8427

■ 89.9708, 90.6085,
104.8427

■ 82.1883, 76.3191,
98.3160

95.0500, 100.0000,
108.9000

■ 75.4363, 64.0568,
92.2377

■ 69.6700, 53.7316,
86.5933

■ 64.8387, 45.2424,
81.3651

■ 60.8871, 38.4791,
76.5337

■ 57.7540, 33.3195,
72.0780

■ 55.3703, 29.6255,
67.9739

■ 53.6550, 27.2357,
64.1936

■ 52.5078, 25.9497,
60.7028

Harmonies

Analogous

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



88.3677, 90.6085, 109.7290



89.9708, 90.6085, 104.8427



90.5380, 90.6085, 98.4728

Triad

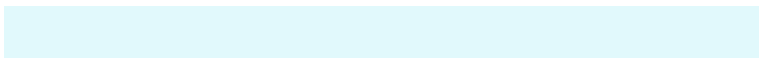
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.9708, 90.6085, 104.8427



86.0562, 90.6085, 86.7322



82.4445, 90.6085, 105.1759

Complementary

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



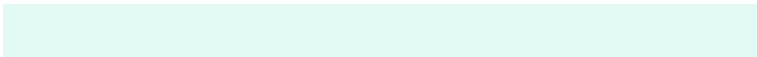
89.9708, 90.6085, 104.8427



87.8756, 96.5177, 98.7957

Split Complementary

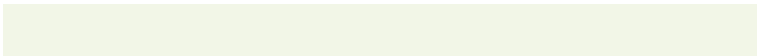
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.8494, 90.6085, 98.8419



89.9708, 90.6085, 104.8427



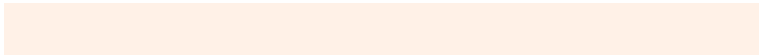
83.9121, 90.6085, 88.3565

Square

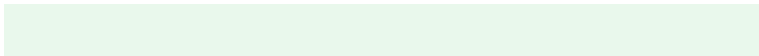
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



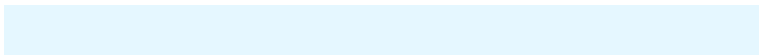
89.9708, 90.6085, 104.8427



88.2542, 90.6085, 88.1852



82.3820, 90.6085, 92.7200



84.0218, 90.6085, 109.9272

Rectangle

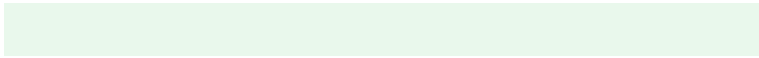
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



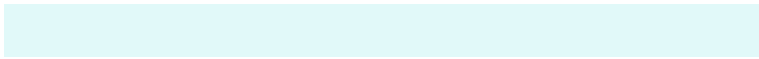
89.9708, 90.6085, 104.8427



90.2447, 90.6085, 94.2948



82.3820, 90.6085, 92.7200



82.1242, 90.6085, 103.1522

Sweetspot

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



89.9728, 90.6121, 104.8446



93.2808, 96.7236, 107.5024



86.0895, 88.5548, 107.1631



19.9845, 20.7371, 23.0247



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.



89.9728, 90.6121, 104.8446



89.0482, 88.9075, 104.0905



88.8458, 90.1613, 98.9097



18.9545, 18.8356, 22.1932



27.2990, 13.4089, 31.2888



2.6957, 1.3207, 3.2450

Inverse Universe

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



89.9728, 90.6121, 104.8446



89.0482, 88.9075, 104.0905



88.9921, 96.9643, 104.6753



18.9545, 18.8356, 22.1932



27.2990, 13.4089, 31.2888



2.6957, 1.3207, 3.2450

Previews

White Background



This preview shows how the XYZ color 89.9708, 90.6085, 104.8427 looks on a white background.

Color Contrast Check

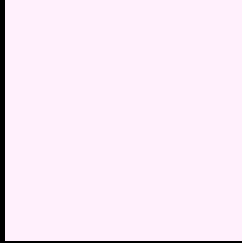
Large Text (above 18pt) WCAG AA × Fail

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 89.9708, 90.6085, 104.8427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

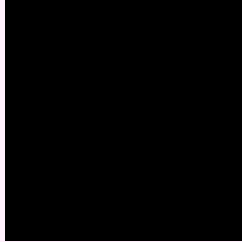
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.9708, 90.6085, 104.8427

Background



This preview shows how black text looks on a background with the XYZ color 89.9708, 90.6085, 104.8427.



This preview shows how white text looks on a background with the XYZ color 89.9708, 90.6085,

104.8427.

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

89.9708, 90.6085, 104.8427

Protanopia

87.9460, 90.8498, 106.6664

Deuteranopia

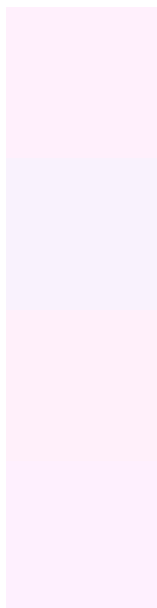
89.4990, 90.4197, 102.3582



Tritanopia

89.7181, 90.4228, 107.3324

Trichromacy



Original Color

89.9708, 90.6085, 104.8427

Protanomaly

88.5487, 90.7358, 105.7753

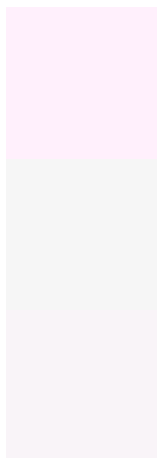
Deuteranomaly

89.6554, 90.4823, 103.1820

Tritanomaly

89.9225, 90.5468, 106.5038

Monochromacy



Original Color

89.9708, 90.6085, 104.8427

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

88.3609, 91.6184, 101.8339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.9708, 90.6085, 104.8427 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, 252) looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 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, 240, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 252) }
```

Border

The CSS property to change the border of an element to XYZ 89.9708, 90.6085, 104.8427 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, 252) }
```


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

```
.border{ border-color:rgb(255, 240, 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, 240, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 89.9708, 90.6085, 104.8427 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, 252) }
```

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

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