

Converting Colors

XYZ(89.5736, 90.0078,
108.2082)

Have a look what the booklet for
XYZ(89.5736, 90.0078, 108.2082)
contains.

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Color

**XYZ(89.4245, 89.8357,
107.2346)**

Conversions

Conversions Part 1

Format	Color
Hex	FDEFFF
RGB	253, 239, 255
RGB Percent	99%, 94%, 100%
CMY	0.0078, 0.0627, 0.0000
CMYK	0.01, 0.06, 0.00, 0.00
HSL	293°, 100%, 97%
HSV	293°, 6%, 100%
XYZ	89.4245, 89.8357, 107.2346
YIQ	245.0100, 3.2080, 7.9440

Conversions

Conversions Part 2

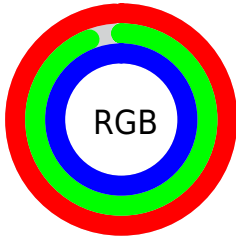
Format	Color
R _{YB}	253, 239, 255
Decimal	16642047
CIE Lab	95.93, 7.49, -6.01
CIE LCh	96, 9.599, 321.275
Yxy	89.8357, 0.3121, 0.3136
Android (android.graphics.Color)	4294832127 (0xFFFDFFFF)
YUV	245.0100, 4.9251, 7.0072
Hunter-Lab	94.7817, 2.5430, -0.7326

Details

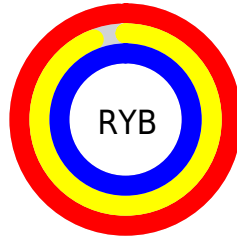
The XYZ color **89.4245, 89.8357, 107.2346** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.6180, 96.4539, 95.6655**, and the grayscale version is **86.7611, 91.2794, 99.4033**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.8915, 49.6800, 60.3857** is the 20% darker color. If you saturate the color by 10%, you get **81.3299, 75.3534, 104.8658**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

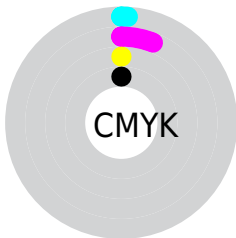
Distribution



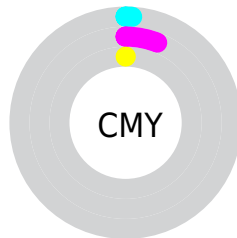
- Red (99%)
- Green (94%)
- Blue (100%)



- Red (99%)
- Yellow (94%)
- Blue (100%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.4245, 89.8357, 107.2346 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 89.4245, 89.8357, 107.2346 by changing the saturation by 10% instead.


 89.4245, 89.8357,
107.2346

 89.4245, 89.8357,
107.2346

514.4228,
527.4962, 604.5904

 67.8381, 67.8444,
81.7056


145.4212,
147.1102, 173.2025

 50.0392, 49.7711,
60.5885


180.5622,
183.1621, 214.4784

 35.6625, 35.2316,
43.4648


220.9521,
224.6697, 261.8404

 24.3426, 23.8413,
29.9158

266.9562,
272.0173, 315.7071

 15.7140, 15.2160,
19.5232

318.9401,
325.5894, 376.4968

 9.4116, 8.9711,
11.8683

377.2689,

 5.0699, 4.7223,

385.7703, 444.6283

6.5326

442.3080,
452.9445, 520.5200

■ 2.3235, 2.0853,
3.0976

■ 0.8066, 0.6563,
1.1447

■ 89.4245, 89.8357,
107.2346

■ 89.4245, 89.8357,
107.2346

■ 81.3299, 75.3534,
104.8658

95.0500, 100.0000,
108.9000

■ 74.2616, 62.8958,
102.8338

■ 68.1748, 52.3729,
101.1235

■ 63.0189, 43.6832,
99.7180

■ 58.7384, 36.7163,
98.5988

■ 55.2719, 31.3494,
97.7456

■ 52.5501, 27.4437,
97.1352

■ 50.4914, 24.8367,
96.7405

■ 48.9946, 23.3257,
96.5277

Harmonies

Analogous

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



87.2489, 89.8357, 112.0583



89.4245, 89.8357, 107.2346



90.5237, 89.8357, 100.0469

Triad

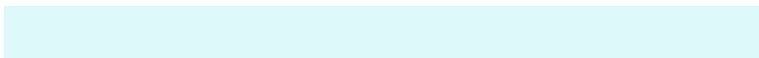
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.4245, 89.8357, 107.2346



86.1617, 89.8357, 84.0855



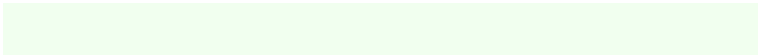
80.7242, 89.8357, 103.2083

Complementary

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



89.4245, 89.8357, 107.2346



87.6180, 96.4539, 95.6655

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.



80.4467, 89.8357, 95.6181



89.4245, 89.8357, 107.2346



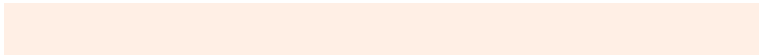
83.5501, 89.8357, 84.8344

Square

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



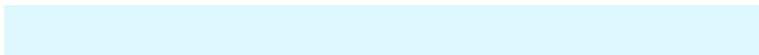
89.4245, 89.8357, 107.2346



88.6145, 89.8357, 86.8641



81.4712, 89.8357, 88.9653



82.2371, 89.8357, 109.6513

Rectangle

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



89.4245, 89.8357, 107.2346



90.4828, 89.8357, 94.9896



81.4712, 89.8357, 88.9653



80.4846, 89.8357, 100.6975

Sweetspot

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



89.4268, 89.8395, 107.2352



93.2105, 96.6684, 108.3539



85.1450, 88.5644, 107.2148



19.9702, 20.7259, 23.1979



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.



89.4268, 89.8395, 107.2352



87.9524, 87.1876, 106.8010



89.2283, 89.8445, 102.3723



18.5562, 18.1784, 22.7807



25.4426, 12.0266, 50.4150



2.5372, 1.2019, 4.9115

Inverse Universe

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



87.9861, 89.3477, 95.8310



86.1418, 86.5710, 92.4046



87.8203, 96.4564, 100.2719



18.1017, 18.0240, 19.1527



21.7126, 11.1743, 1.8710



2.1418, 1.0991, 0.3280

Previews

White Background



This preview shows how the XYZ color 89.4245, 89.8357, 107.2346 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 89.4245, 89.8357, 107.2346 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

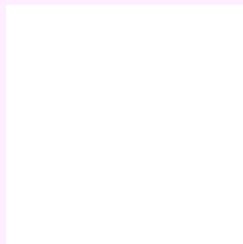
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.4245, 89.8357, 107.2346

Background



This preview shows how black text looks on a background with the XYZ color 89.4245, 89.8357, 107.2346.



This preview shows how white text looks on a background with the XYZ color 89.4245, 89.8357,

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

89.4245, 89.8357, 107.2346

Protanopia

87.1104, 89.9574, 107.3800

Deuteranopia

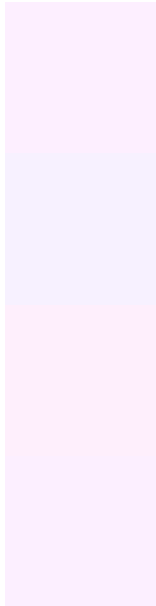
89.5191, 89.9580, 103.9123



Tritanopia

89.0614, 89.6485, 107.2176

Trichromacy



Original Color

89.4245, 89.8357, 107.2346

Protanomaly

87.8631, 89.9048, 107.3302

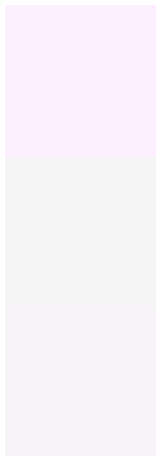
Deuteranomaly

89.3102, 89.8321, 104.7276

Tritanomaly

89.0614, 89.6485, 107.2176

Monochromacy



Original Color

89.4245, 89.8357, 107.2346

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.8609, 90.8972, 102.5367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.4245, 89.8357, 107.2346 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(253, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 239, 255)  
}
```

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(253, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 239, 255) }
```

Border

The CSS property to change the border of an element to XYZ 89.4245, 89.8357, 107.2346 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(253, 239, 255) }
```


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

```
.border{ border-color:rgb(253, 239, 255) }
```

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

Here you see how a box with a 4 pixel rgb(253, 239, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 239,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 89.4245, 89.8357, 107.2346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 239, 255) }
```

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

```
.background{ background-color: rgb(253,  
239, 255) }
```

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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