

Converting Colors

XYZ(88.4621, 89.6443,
107.2484)

Have a look what the booklet for
XYZ(88.4621, 89.6443, 107.2484)
contains.

XYZ(88.6344, 89.8642, 107.2817)	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(88.6344, 89.8642,
107.2817)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF0FF
RGB	250, 240, 255
RGB Percent	98%, 94%, 100%
CMY	0.0196, 0.0588, 0.0000
CMYK	0.02, 0.06, 0.00, 0.00
HSL	280°, 100%, 97%
HSV	280°, 6%, 100%
XYZ	88.6344, 89.8642, 107.2817
YIQ	244.7000, 1.1450, 6.7850

Conversions

Conversions Part 2

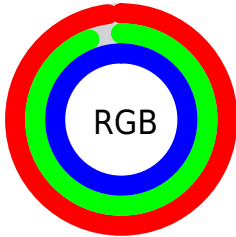
Format	Color
R_{YB}	250, 240, 255
Decimal	16445695
CIE _{Lab}	95.94, 5.99, -6.01
CIE _{LCh}	96, 8.489, 314.889
Y _{xy}	89.8642, 0.3101, 0.3145
Android (android.graphics.Color)	4294635775 (0xFFFAF0FF)
Y _{UV}	244.7000, 5.0779, 4.6481
Hunter-Lab	94.7967, 1.0022, -0.7409

Details

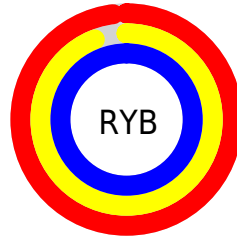
The XYZ color **88.6344, 89.8642, 107.2817** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.1467, 97.2249, 96.5104**, and the grayscale version is **86.5120, 91.0174, 99.1179**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.5817, 49.8275, 60.4305** is the 20% darker color. If you saturate the color by 10%, you get **78.6717, 74.3587, 104.8140**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

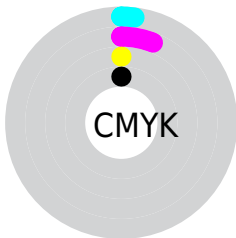
Distribution



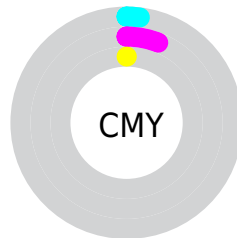
- Red (98%)
- Green (94%)
- Blue (100%)



- Red (98%)
- Yellow (94%)
- Blue (100%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.6344, 89.8642, 107.2817 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 88.6344, 89.8642, 107.2817 by changing the saturation by 10% instead.


 88.6344, 89.8642,
107.2817

 88.6344, 89.8642,
107.2817


511.8829,
527.5890, 604.7396

 67.1811, 67.8680,
81.7449

144.3281,
147.1497, 173.2673

 49.5031, 49.7904,
60.6207


179.2992,
183.2079, 214.5532

 35.2349, 35.2469,
43.4906


219.5069,
224.7222, 261.9258

 24.0112, 23.8531,
29.9360

265.3167,
272.0769, 315.8038

 15.4667, 15.2247,
19.5383

317.0938,
325.6566, 376.6056

 9.2360, 8.9772,
11.8792

375.2036,

 4.9538, 4.7263,

385.8456, 444.7498

6.5399

440.0115,
453.0283, 520.6550

■ 2.2547, 2.0876,
3.1020

■ 0.7713, 0.6576,
1.1470

■ 88.6344, 89.8642,
107.2817

■ 88.6344, 89.8642,
107.2817

■ 78.6717, 74.3587,
104.8140

95.0500, 100.0000,
108.9000

■ 69.8533, 60.9414,
102.6889

■ 62.1328, 49.5217,
100.8916

■ 55.4580, 39.9975,
99.4051

■ 49.7718, 32.2576,
98.2108

■ 45.0113, 26.1792,
97.2885

■ 41.1055, 21.6230,
96.6149

■ 37.9717, 18.4268,
96.1631

■ 35.5076, 16.3890,
95.8997

Harmonies

Analogous

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



86.5768, 89.8642, 110.8619



88.6344, 89.8642, 107.2817



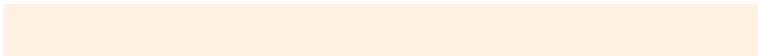
89.8397, 89.8642, 101.2512

Triad

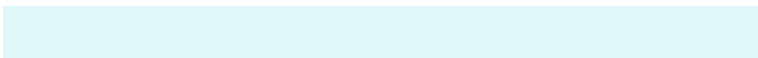
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.6344, 89.8642, 107.2817



86.5938, 89.8642, 85.9043



81.1302, 89.8642, 101.2019

Complementary

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



88.6344, 89.8642, 107.2817



89.1467, 97.2249, 96.5104

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.



81.1345, 89.8642, 94.5196



88.6344, 89.8642, 107.2817



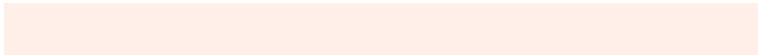
84.2601, 89.8642, 85.8924

Square

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



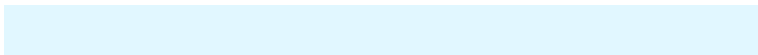
88.6344, 89.8642, 107.2817



88.6470, 89.8642, 89.0151



82.2711, 89.8642, 88.9820



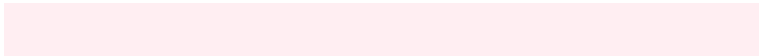
82.2590, 89.8642, 107.2442

Rectangle

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



88.6344, 89.8642, 107.2817



89.9841, 89.8642, 96.7506



82.2711, 89.8642, 88.9820



80.9999, 89.8642, 98.9514

Sweetspot

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



88.6367, 89.8680, 107.2823



92.8218, 96.4681, 108.3357



86.7165, 91.2048, 107.6416



19.8911, 20.6851, 23.1942



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.



88.6367, 89.8680, 107.2823



87.4622, 88.0241, 106.9883



90.0918, 90.6596, 105.4713



18.5863, 18.6305, 22.8664



18.2579, 8.3228, 50.0787



1.8937, 0.8701, 4.8814

Inverse Universe

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



88.8839, 90.1765, 99.1108



87.7605, 88.3924, 97.3095



87.7625, 96.4724, 98.2008



18.6562, 18.7163, 20.6222



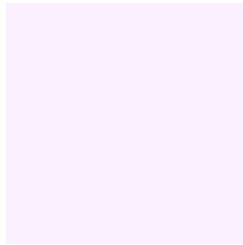
22.4672, 11.4762, 5.8449



2.2358, 1.1367, 0.8233

Previews

White Background



This preview shows how the XYZ color 88.6344, 89.8642, 107.2817 looks on a white background.

Color Contrast Check

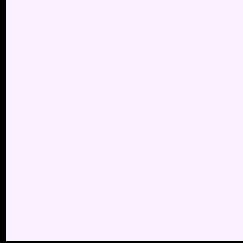
Large Text (above 18pt) WCAG AA × Fail

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 88.6344, 89.8642, 107.2817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

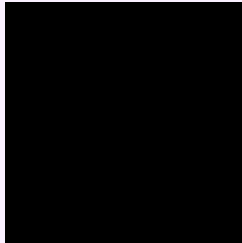
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

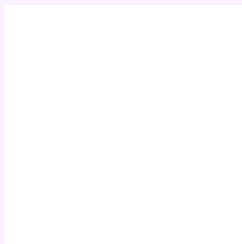
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.6344, 89.8642, 107.2817

Background



This preview shows how black text looks on a background with the XYZ color 88.6344, 89.8642, 107.2817.



This preview shows how white text looks on a background with the XYZ color 88.6344, 89.8642,

107.2317.

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

88.6344, 89.8642, 107.2817

Protanopia

87.1104, 89.9574, 107.3800

Deuteranopia

89.5191, 89.9580, 103.9123



Tritanopia

88.2770, 89.6799, 107.2650

Trichromacy



Original Color

88.6344, 89.8642, 107.2817

Protanomaly

87.5113, 89.7234, 107.3138

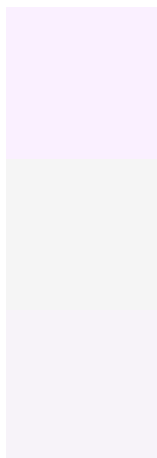
Deuteranomaly

88.9452, 89.6439, 104.7106

Tritanomaly

88.2770, 89.6799, 107.2650

Monochromacy



Original Color

88.6344, 89.8642, 107.2817

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.5072, 90.7149, 102.5201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.6344, 89.8642, 107.2817 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(250, 240, 255) looks like.

```
.text, #text, p{  
    color:rgb(250, 240, 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(250, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 240, 255) }
```

Border

The CSS property to change the border of an element to XYZ 88.6344, 89.8642, 107.2817 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(250, 240, 255) }
```


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

```
.border{ border-color:rgb(250, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 240,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 88.6344, 89.8642, 107.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 240, 255) }
```

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

```
.background{ background-color: rgb(250,  
240, 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](#).

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