

Converting Colors

XYZ(89.2456, 90.0483,
107.2850)

Have a look what the booklet for
XYZ(89.2456, 90.0483, 107.2850)
contains.

XYZ(89.3550, 90.2356, 107.3154)	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(89.3550, 90.2356,
107.3154)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF0FF
RGB	252, 240, 255
RGB Percent	99%, 94%, 100%
CMY	0.0118, 0.0588, 0.0000
CMYK	0.01, 0.06, 0.00, 0.00
HSL	288°, 100%, 97%
HSV	288°, 6%, 100%
XYZ	89.3550, 90.2356, 107.3154
YIQ	245.2980, 2.3370, 7.2090

Conversions

Conversions Part 2

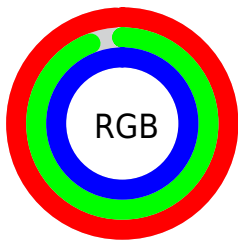
Format	Color
R _Y B	252, 240, 255
Decimal	16576767
CIE Lab	96.09, 6.65, -5.77
CIE LCh	96, 8.802, 319.044
Yxy	90.2356, 0.3114, 0.3145
Android (android.graphics.Color)	4294766847 (0xFFFCF0FF)
YUV	245.2980, 4.7831, 5.8777
Hunter-Lab	94.9924, 1.6700, -0.4868

Details

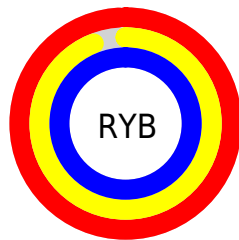
The XYZ color **89.3550, 90.2356, 107.3154** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.4525, 96.8670, 96.4778**, and the grayscale version is **86.9944, 91.5249, 99.6706**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.8392, 49.9603, 60.4426** is the 20% darker color. If you saturate the color by 10%, you get **80.5484, 75.3261, 104.9018**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

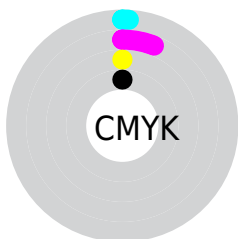
Distribution



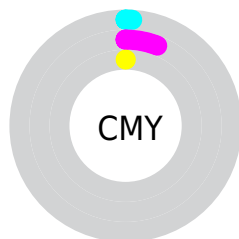
- Red (99%)
- Green (94%)
- Blue (100%)



- 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 89.3550, 90.2356, 107.3154 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 89.3550, 90.2356, 107.3154 by changing the saturation by 10% instead.


 89.3550, 90.2356,
107.3154

 89.3550, 90.2356,
107.3154


514.1997,
528.7970, 604.8463

 67.7803, 68.1761,
81.7730


145.3250,
147.6656, 173.3137

 49.9921, 50.0410,
60.6437


180.4511,
183.8049, 214.6067

 35.6249, 35.4460,
43.5090


220.8250,
225.4062, 261.9870

 24.3134, 24.0066,
29.9503

266.8121,
272.8539, 315.8730

 15.6922, 15.3385,
19.5492

318.7778,
326.5324, 376.6835

 9.3961, 9.0573,
11.8869

377.0874,

 5.0596, 4.7786,

386.8262, 444.8368

6.5451

442.1062,
454.1196, 520.7516

■ 2.3174, 2.1179,
3.1052

■ 0.8035, 0.6747,
1.1486

■ 89.3550, 90.2356,
107.3154

■ 89.3550, 90.2356,
107.3154

■ 80.5484, 75.3261,
104.9018

95.0500, 100.0000,
108.9000

■ 72.7997, 62.4603,
102.8268

■ 66.0640, 51.5483,
101.0756

■ 60.2905, 42.4887,
99.6312

■ 55.4238, 35.1713,
98.4753

■ 51.4023, 29.4738,
97.5876

■ 48.1566, 25.2580,
96.9449

■ 45.6058, 22.3623,
96.5204

■ 43.6491, 20.5862,
96.2807

Harmonies

Analogous

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



87.3048, 90.2356, 111.4943



89.3550, 90.2356, 107.3154



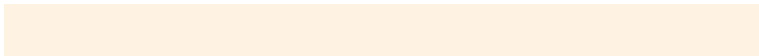
90.4508, 90.2356, 100.8245

Triad

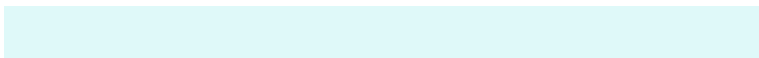
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.3550, 90.2356, 107.3154



86.6601, 90.2356, 85.6526



81.4115, 90.2356, 102.6968

Complementary

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



89.3550, 90.2356, 107.3154



88.4525, 96.8670, 96.4778

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.



81.2463, 90.2356, 95.7221



89.3550, 90.2356, 107.3154



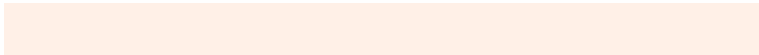
84.2459, 90.2356, 86.1007

Square

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



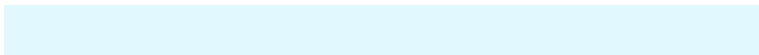
89.3550, 90.2356, 107.3154



88.8754, 90.2356, 88.4581



82.2749, 90.2356, 89.7124



82.7304, 90.2356, 108.7418

Rectangle

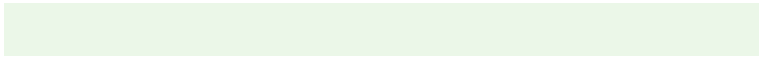
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.3550, 90.2356, 107.3154



90.4789, 90.2356, 96.1561



82.2749, 90.2356, 89.7124



81.2201, 90.2356, 100.3766

Sweetspot

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



89.3574, 90.2394, 107.3160



93.0704, 96.5962, 108.3473



86.0391, 89.8502, 107.4158



19.9417, 20.7112, 23.1966



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.



89.3574, 90.2394, 107.3160



88.3167, 88.4646, 107.0283



89.7359, 90.5172, 103.5975



18.7846, 18.7327, 22.8757



22.5702, 10.5458, 50.2806



2.2837, 1.0712, 4.8997

Inverse Universe

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



88.5800, 90.0549, 97.5108



87.4029, 88.2494, 95.4265



88.1029, 96.6086, 99.9936



18.5736, 18.6832, 20.1871



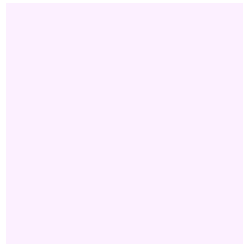
21.9025, 11.2503, 2.8713



2.1692, 1.1100, 0.4722

Previews

White Background



This preview shows how the XYZ color 89.3550, 90.2356, 107.3154 looks on a white background.

Color Contrast Check

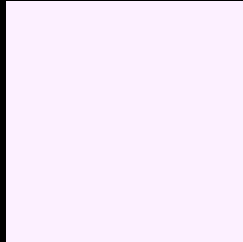
Large Text (above 18pt) WCAG AA × Fail

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 89.3550, 90.2356, 107.3154 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

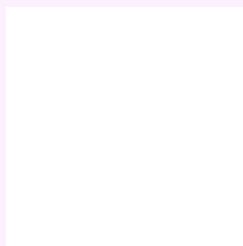
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.3550, 90.2356, 107.3154

Background



This preview shows how black text looks on a background with the XYZ color 89.3550, 90.2356, 107.3154.



This preview shows how white text looks on a background with the XYZ color 89.3550, 90.2356,

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

89.3550, 90.2356, 107.3154

Protanopia

87.1104, 89.9574, 107.3800

Deuteranopia

89.5191, 89.9580, 103.9123



Tritanopia

88.9296, 90.4546, 107.3801

Trichromacy



Original Color

89.3550, 90.2356, 107.3154

Protanomaly

87.8631, 89.9048, 107.3302

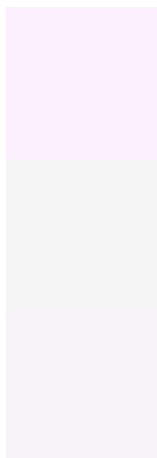
Deuteranomaly

89.3102, 89.8321, 104.7276

Tritanomaly

89.2890, 90.6398, 107.3969

Monochromacy



Original Color

89.3550, 90.2356, 107.3154

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 89.3550, 90.2356, 107.3154 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(252, 240, 255)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 89.3550, 90.2356, 107.3154 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(252, 240, 255) }
```


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

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

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

Background

The CSS property to change the background color of an element to XYZ 89.3550, 90.2356, 107.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 240, 255) }
```

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

```
.background{ background-color: rgb(252,  
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](#).

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