

Converting Colors

XYZ(89.1564, 92.2588,
107.7164)

Have a look what the booklet for
XYZ(89.1564, 92.2588, 107.7164)
contains.

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Color

**XYZ(89.0602, 92.2990,
107.7292)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F5FF
RGB	247, 245, 255
RGB Percent	97%, 96%, 100%
CMY	0.0314, 0.0392, 0.0000
CMYK	0.03, 0.04, 0.00, 0.00
HSL	252°, 100%, 98%
HSV	252°, 4%, 100%
XYZ	89.0602, 92.2990, 107.7292
YIQ	246.7380, -2.0180, 3.5340

Conversions

Conversions Part 2

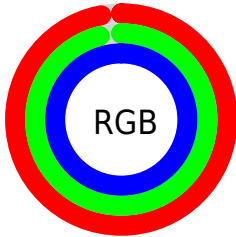
Format	Color
R _Y B	247, 245, 255
Decimal	16250367
CIE Lab	96.94, 2.45, -4.56
CIE LCh	97, 5.180, 298.262
Yxy	92.2990, 0.3081, 0.3193
Android (android.graphics.Color)	4294440447 (0xFF7F5FF)
YUV	246.7380, 4.0732, 0.2298
Hunter-Lab	96.0724, -2.6551, 0.7668

Details

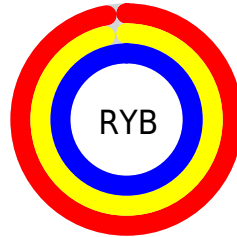
The XYZ color 89.0602, 92.2990, 107.7292 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.7518, 98.9963, 100.6105, and the grayscale version is 88.1666, 92.7581, 101.0136.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.8765, 51.5488, 60.7472 is the 20% darker color. If you saturate the color by 10%, you get 75.0646, 74.4124, 105.0145, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

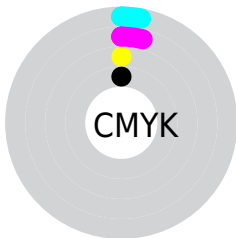
Distribution



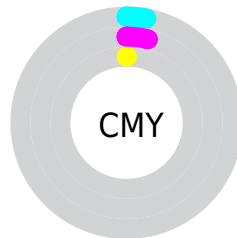
- Red (97%)
- Green (96%)
- Blue (100%)



- Red (97%)
- Yellow (96%)
- Blue (100%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.0602, 92.2990, 107.7292 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 89.0602, 92.2990, 107.7292 by changing the saturation by 10% instead.

89.0602, 92.2990,
107.7292

89.0602, 92.2990,
107.7292

513.2525,
535.4814, 606.1561

67.5351, 69.8890,
82.1183

144.9173,
150.5277, 173.8832

49.7919, 51.4360,
60.9266

179.9800,
187.1152, 215.2633

35.4652, 36.5558,
43.7358

220.2860,
229.1974, 262.7369

24.1897, 24.8637,
30.1272

266.2006,
277.1586, 316.7226

15.5999, 15.9755,
19.6823

318.0893,
331.3832, 377.6388

9.3305, 9.5069,
11.9825

376.3172,

5.0162, 5.0732,

392.2556, 445.9041

6.6094

441.2498,
460.1602, 521.9370

■ 2.2916, 2.2903,
3.1443

■ 0.7904, 0.7686,
1.1688

■ 89.0602, 92.2990,
107.7292

■ 89.0602, 92.2990,
107.7292

■ 75.0646, 74.4124,
105.0145

95.0500, 100.0000,
108.9000

■ 62.8488, 58.9548,
102.6747

■ 52.3426, 45.8240,
100.6939

■ 43.4682, 34.9061,
99.0543

■ 36.1415, 26.0774,
97.7363

■ 30.2709, 19.2022,
96.7187

■ 25.7545, 14.1280,
95.9773

■ 22.4765, 10.6793,
95.4844

■ 20.2996, 8.6440,
95.2063

Harmonies

Analogous

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



87.6425, 92.2990, 108.7299



89.0602, 92.2990, 107.7292



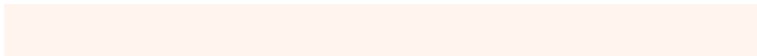
90.1308, 92.2990, 104.7763

Triad

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



89.0602, 92.2990, 107.7292



89.2089, 92.2990, 93.8299



84.9578, 92.2990, 100.2549

Complementary

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



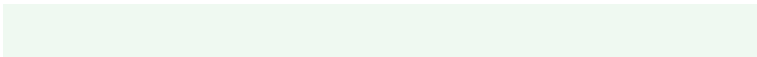
89.0602, 92.2990, 107.7292



92.7518, 98.9963, 100.6105

Split Complementary

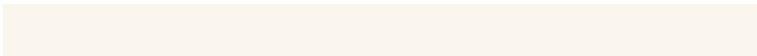
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.3672, 92.2990, 96.3376



89.0602, 92.2990, 107.7292



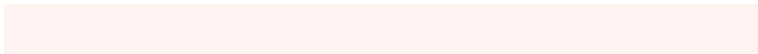
87.8124, 92.2990, 92.6923

Square

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



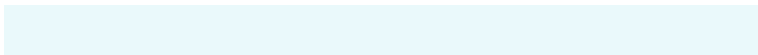
89.0602, 92.2990, 107.7292



90.2173, 92.2990, 96.7478



86.4080, 92.2990, 93.5977



85.2838, 92.2990, 104.3437

Rectangle

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



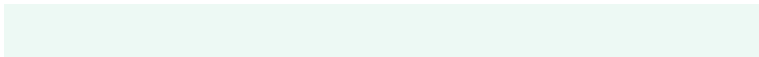
89.0602, 92.2990, 107.7292



90.4981, 92.2990, 102.1384



86.4080, 92.2990, 93.5977



85.0139, 92.2990, 98.8751

Sweetspot

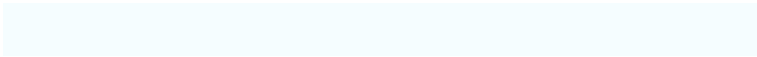
The Sweet Spot groups the original color and five complimentary colors.



89.0626, 92.3028, 107.7299



93.4951, 97.9988, 108.5957



90.8865, 96.9900, 108.5385



20.0282, 20.9969, 23.2472



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.



89.0626, 92.3028, 107.7299



87.4618, 90.2491, 107.4178



90.7894, 93.1930, 107.8107



18.5001, 19.0346, 22.9489



10.2381, 4.1884, 49.7034



1.0804, 0.4509, 4.8434

Inverse Universe

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



91.6244, 93.6604, 106.1810



90.7093, 91.9703, 105.4439



91.0143, 98.1006, 100.5292



19.2896, 19.4530, 22.4674



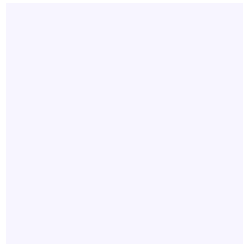
27.3030, 13.4105, 31.3096



2.6961, 1.3208, 3.2469

Previews

White Background



This preview shows how the XYZ color 89.0602, 92.2990, 107.7292 looks on a white background.

Color Contrast Check

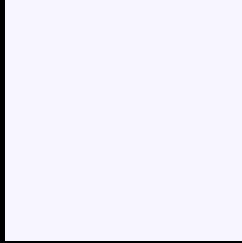
Large Text (above 18pt) WCAG AA × Fail

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 89.0602, 92.2990, 107.7292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

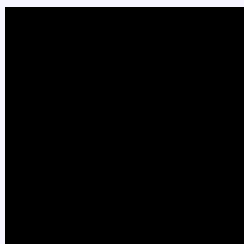
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.0602, 92.2990, 107.7292

Background



This preview shows how black text looks on a background with the XYZ color 89.0602, 92.2990, 107.7292.

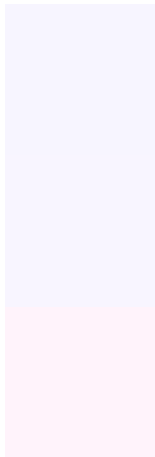


This preview shows how white text looks on a background with the XYZ color 89.0602, 92.2990,

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

89.0602, 92.2990, 107.7292

Protanopia

89.4138, 92.4813, 107.7458

Deuteranopia

90.7032, 92.3262, 104.3070

Tritanopia

89.0602, 92.2990, 107.7292

Trichromacy



Original Color

89.0602, 92.2990, 107.7292

Protanomaly

89.4138, 92.4813, 107.7458

Deuteranomaly

90.0663, 92.4251, 105.1883

Tritanomaly

89.0602, 92.2990, 107.7292

Monochromacy



Original Color

89.0602, 92.2990, 107.7292

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.5689, 92.5878, 103.6456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.0602, 92.2990, 107.7292 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(247, 245, 255) looks like.

```
.text, #text, p{  
    color:rgb(247, 245, 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(247, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 245, 255) }
```

Border

The CSS property to change the border of an element to XYZ 89.0602, 92.2990, 107.7292 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(247, 245, 255) }
```


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

```
.border{ border-color:rgb(247, 245, 255) }
```

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

Here you see how a box with a 4 pixel rgb(247, 245, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 245,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 89.0602, 92.2990, 107.7292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 245, 255) }
```

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

```
.background{ background-color: rgb(247,  
245, 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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