

Converting Colors

XYZ(60.8317, 55.1289, 89.0964)

Have a look what the booklet for
XYZ(60.8317, 55.1289, 89.0964)
contains.

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Color

**XYZ(60.7448, 54.9600,
89.0681)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B8EF
RGB	215, 184, 239
RGB Percent	84%, 72%, 94%
CMY	0.1569, 0.2784, 0.0627
CMYK	0.10, 0.23, 0.00, 0.06
HSL	274°, 63%, 83%
HSV	274°, 23%, 94%
XYZ	60.7448, 54.9600, 89.0681
YIQ	199.5390, 0.8210, 23.6770

Conversions

Conversions Part 2

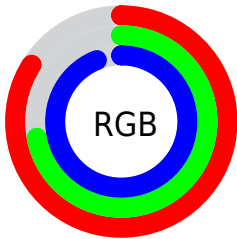
Format	Color
R _Y B	215, 184, 239
Decimal	14137583
CIE Lab	79.02, 21.12, -23.22
CIE LCh	79, 31.393, 312.291
Yxy	54.9600, 0.2966, 0.2684
Android (android.graphics.Color)	4292327663 (0xFFD7B8EF)
YUV	199.5390, 19.4543, 13.5593
Hunter-Lab	74.1350, 16.5232, -19.3383

Details

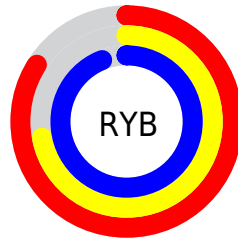
The XYZ color **60.7448, 54.9600, 89.0681** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.5325, 78.6049, 57.0682**, and the grayscale version is **54.5018, 57.3402, 62.4434**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **31.1607, 27.1251, 48.3931** is the 20% darker color. If you saturate the color by 10%, you get **53.2282, 44.3283, 87.4130**, and if you desaturate by 10%, it is **69.2988, 67.3743, 91.0143**.

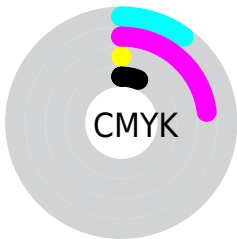
Distribution



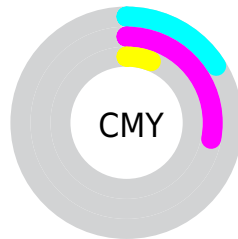
- Red (84%)
- Green (72%)
- Blue (94%)



- Red (84%)
- Yellow (72%)
- Blue (94%)



- Cyan (10%)
- Magenta (23%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (28%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7448, 54.9600, 89.0681 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 60.7448, 54.9600, 89.0681 by changing the saturation by 10% instead.

60.7448, 54.9600,
89.0681

60.7448, 54.9600,
89.0681

417.1285,
405.7603, 545.4864

44.2710, 39.3697,
66.6386

105.0095, 97.4823,
147.9675

31.0824, 27.0474,
48.3313

133.5312,
125.1832, 185.2744

20.8138, 17.6089,
33.7274

166.7995,
157.6896, 228.3776

13.0996, 10.6695,
22.4086

205.1799,
195.3861, 277.6957

7.5747, 5.8451,
13.9563

249.0376,
238.6571, 333.6470

3.8735, 2.7511,
7.9519

298.7380,

1.6308, 1.0032,

287.8868, 396.6502

3.9768

354.6466,
343.4597, 467.1238

■ 0.4124, 0.0000,
1.6126

■ 0.0000, 0.0000,
0.2998

■ 60.7448, 54.9600,
89.0681

■ 60.7448, 54.9600,
89.0681

■ 53.2282, 44.3283,
87.4130

■ 69.2988, 67.3743,
91.0143

■ 46.6981, 35.3863,
86.0312

■ 78.9277, 81.6445,
93.2612

■ 41.1067, 28.0427,
84.9084

■ 89.4481, 97.3974,
95.7474

■ 36.3997, 22.1948,
84.0278

■ 92.5802, 99.0121,
95.8940

■ 32.5167, 17.7272,
83.3701

■ 29.3882, 14.5072,
82.9135

■ 26.9308, 12.3743,
82.6313

■ 25.5248, 11.3587,
82.5094

Harmonies

Analogous

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



54.8369, 54.9600, 100.1416



60.7448, 54.9600, 89.0681



64.5366, 54.9600, 70.9283

Triad

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



60.7448, 54.9600, 89.0681



55.9775, 54.9600, 32.6888



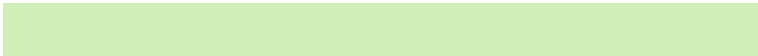
41.3581, 54.9600, 67.4683

Complementary

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



60.7448, 54.9600, 89.0681



65.5325, 78.6049, 57.0682

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.



41.6101, 54.9600, 49.9758



60.7448, 54.9600, 89.0681



49.7222, 54.9600, 32.1296

Square

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



60.7448, 54.9600, 89.0681



61.6370, 54.9600, 39.5499



44.5647, 54.9600, 37.8308



43.8464, 54.9600, 86.1041

Rectangle

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



60.7448, 54.9600, 89.0681



65.1831, 54.9600, 58.4774



44.5647, 54.9600, 37.8308



41.1311, 54.9600, 61.2279

Sweetspot

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



60.7465, 54.9623, 89.0693



86.8098, 87.6878, 106.9578



58.0883, 61.9028, 90.5491



18.4351, 18.5525, 22.8593



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.



60.7465, 54.9623, 89.0693



65.7993, 57.1572, 102.1722



67.9153, 58.7045, 87.3000



15.7498, 15.6682, 19.9158



14.2588, 6.3561, 45.6032



1.3002, 0.5875, 3.7991

Inverse Universe

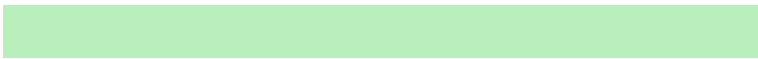
The Inverse Universe completely reimagines the original color for something new.



64.1240, 57.1880, 67.3355



70.5320, 60.2688, 72.0420



59.5784, 75.5019, 58.3092



16.0593, 15.8734, 17.8683



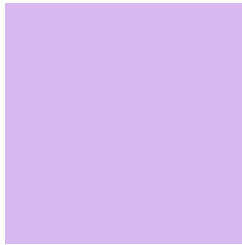
21.1238, 10.7220, 8.5685



1.8064, 0.9116, 0.9713

Previews

White Background



This preview shows how the XYZ color 60.7448, 54.9600, 89.0681 looks on a white background.

Color Contrast Check

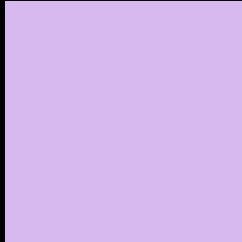
Large Text (above 18pt) WCAG AA × Fail

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 60.7448, 54.9600, 89.0681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

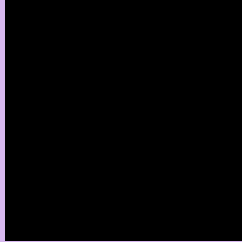
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7448, 54.9600, 89.0681

Background



This preview shows how black text looks on a background with the XYZ color 60.7448, 54.9600, 89.0681.



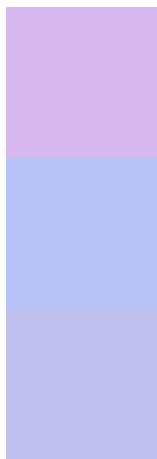
This preview shows how white text looks on a background with the XYZ color 60.7448, 54.9600,

89.0681.

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

60.7448, 54.9600, 89.0681

Protanopia

55.4548, 55.3047, 94.9409

Deuteranopia

56.5304, 55.3417, 88.5915



Tritanopia

56.0112, 54.9363, 65.4093

Trichromacy



Original Color

60.7448, 54.9600, 89.0681

Protanomaly

57.0968, 54.9001, 92.3815

Deuteranomaly

57.9873, 55.1248, 88.4728

Tritanomaly

57.6590, 54.9732, 73.2176

Monochromacy



Original Color

60.7448, 54.9600, 89.0681

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.6062, 56.4177, 71.5246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7448, 54.9600, 89.0681 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(215, 184, 239)` looks like.

```
.text, #text, p{  
    color:rgb(215, 184, 239)  
}
```

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(215, 184, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 184, 239) }
```

Border

The CSS property to change the border of an element to XYZ 60.7448, 54.9600, 89.0681 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(215, 184, 239) }
```


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

```
.border{ border-color:rgb(215, 184, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 184, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 184, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 184, 239);  
box-shadow:4px 4px 4px 4px rgb(215, 184,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7448, 54.9600, 89.0681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 184, 239) }
```

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

```
.background{ background-color: rgb(215,  
184, 239) }
```

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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