

Converting Colors

XYZ(61.7871, 52.9883, 83.8715)

Have a look what the booklet for
XYZ(61.7871, 52.9883, 83.8715)
contains.

XYZ(61.7165, 52.8740, 84.0437)	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(61.7165, 52.8740,
84.0437)**

Conversions

Conversions Part 1

Format	Color
Hex	E3AFE9
RGB	227, 175, 233
RGB Percent	89%, 69%, 91%
CMY	0.1098, 0.3137, 0.0863
CMYK	0.03, 0.25, 0.00, 0.09
HSL	294°, 57%, 80%
HSV	294°, 25%, 91%
XYZ	61.7165, 52.8740, 84.0437
YIQ	197.1600, 12.3740, 29.0620

Conversions

Conversions Part 2

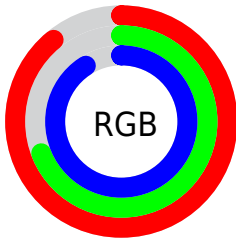
Format	Color
R _Y B	227, 175, 233
Decimal	14921705
CIE Lab	77.80, 28.66, -21.74
CIE LCh	78, 35.968, 322.820
Yxy	52.8740, 0.3107, 0.2662
Android (android.graphics.Color)	4293111785 (0xFFE3AFE9)
YUV	197.1600, 17.6691, 26.1697
Hunter-Lab	72.7145, 24.2516, -17.6274

Details

The XYZ color **61.7165, 52.8740, 84.0437** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.9346, 71.1981, 51.3545**, and the grayscale version is **53.0603, 55.8236, 60.7919**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **31.6899, 25.7513, 44.8952** is the 20% darker color. If you saturate the color by 10%, you get **56.8126, 44.1860, 82.6260**, and if you desaturate by 10%, it is **67.4167, 63.1369, 85.7250**.

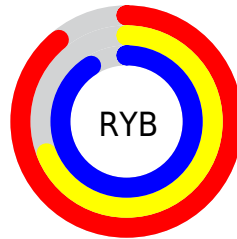
Distribution



Red (89%)

Green (69%)

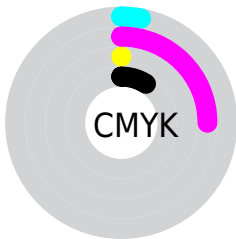
Blue (91%)



Red (89%)

Yellow (69%)

Blue (91%)

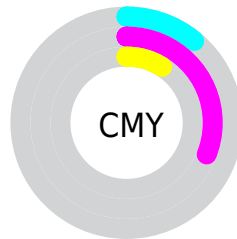


Cyan (3%)

Magenta (25%)

Yellow (0%)

Black (9%)



Cyan (11%)


Magenta (31%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7165, 52.8740, 84.0437 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 61.7165, 52.8740, 84.0437 by changing the saturation by 10% instead.


 61.7165, 52.8740,
84.0437

 61.7165, 52.8740,
84.0437


420.6303,
397.8015, 528.5202

 45.0584, 37.7022,
62.5059

 106.4079, 94.4189,
140.8986

 31.7049, 25.7516,
45.0032


135.1720,
121.5609, 177.0528

 21.2907, 16.6379,
31.1170


168.7021,
153.4616, 218.9161

 13.4503, 9.9767,
20.4287

207.3635,
190.5056, 266.9073

 7.8185, 5.3835,
12.5199

251.5217,
233.0771, 321.4447

 4.0298, 2.4740,
6.9720

301.5420,

 1.7190, 0.8636,

281.5607, 382.9470

3.3664

357.7897,
336.3407, 451.8326

■ 0.4681, 0.0000,
1.2846

■ 0.0000, 0.0000,
0.0491

■ 61.7165, 52.8740,
84.0437

■ 61.7165, 52.8740,
84.0437

■ 56.8126, 44.1860,
82.6260

■ 67.4167, 63.1369,
85.7250

■ 52.6599, 36.9856,
81.4550

■ 73.9457, 75.0424,
87.6789

■ 49.2163, 31.1876,
80.5174

■ 81.3400, 88.6626,
89.9181

■ 46.4333, 26.6954,
79.7970

■ 85.2740, 95.3463,
91.0009

44.2565, 23.4000,
79.2757

86.0827, 95.7632,
91.0387

42.6225, 21.1748,
78.9323

86.9021, 96.1857,
91.0771

41.4537, 19.8646,
78.7410

87.7325, 96.6137,
91.1159

40.9739, 19.4237,
78.6812

88.5738, 97.0475,
91.1553

89.4261, 97.4868,
91.1952

Harmonies

Analogous

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



55.6384, 52.8740, 100.7299



61.7165, 52.8740, 84.0437



64.7713, 52.8740, 62.5067

Triad

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



61.7165, 52.8740, 84.0437



51.9503, 52.8740, 27.2512



38.8787, 52.8740, 73.7900

Complementary

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



61.7165, 52.8740, 84.0437



55.9346, 71.1981, 51.3545

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.



38.0881, 52.8740, 52.9018



61.7165, 52.8740, 84.0437



45.2309, 52.8740, 28.9275

Square

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



61.7165, 52.8740, 84.0437



58.8041, 52.8740, 32.0694



40.3086, 52.8740, 37.3378



42.5777, 52.8740, 93.9181

Rectangle

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



61.7165, 52.8740, 84.0437



64.5003, 52.8740, 49.4616



40.3086, 52.8740, 37.3378



38.2788, 52.8740, 66.5212

Sweetspot

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



61.7181, 52.8763, 84.0448



88.9416, 88.7867, 107.0576



49.0696, 48.3600, 83.8398



18.9297, 18.8075, 22.8825



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.



61.7181, 52.8763, 84.0448



72.4583, 59.0500, 102.1866



60.6645, 52.6773, 68.4468



15.5524, 15.2300, 19.0422



23.3113, 11.0533, 44.6478



1.8748, 0.8908, 3.5080

Inverse Universe

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



57.2765, 51.3221, 50.6058



66.1670, 56.8629, 54.1735



56.9247, 71.4350, 63.7538



15.1288, 15.0794, 15.9635



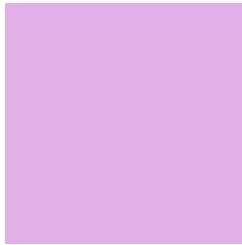
19.1830, 9.8759, 1.4992



1.5276, 0.7840, 0.2299

Previews

White Background



This preview shows how the XYZ color 61.7165, 52.8740, 84.0437 looks on a white background.

Color Contrast Check

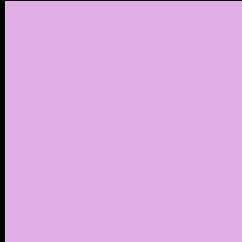
Large Text (above 18pt) WCAG AA × Fail

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 61.7165, 52.8740, 84.0437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

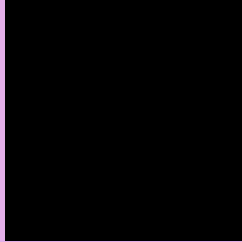
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7165, 52.8740, 84.0437

Background



This preview shows how black text looks on a background with the XYZ color 61.7165, 52.8740, 84.0437.



This preview shows how white text looks on a background with the XYZ color 61.7165, 52.8740,

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

61.7165, 52.8740, 84.0437

Protanopia

53.5503, 53.3770, 93.0683

Deuteranopia

54.2585, 53.0171, 82.2365



Tritanopia

56.8160, 52.9710, 59.4545

Trichromacy



Original Color

61.7165, 52.8740, 84.0437



Protanomaly

55.8421, 52.7250, 89.6718



Deuteranomaly

56.5341, 52.6156, 82.7775



Tritanomaly

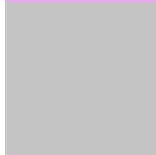
58.3692, 52.6909, 67.4156

Monochromacy



Original Color

61.7165, 52.8740, 84.0437



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

55.8429, 54.4582, 68.5410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7165, 52.8740, 84.0437 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(227, 175, 233)` looks like.

```
.text, #text, p{  
    color:rgb(227, 175, 233)  
}
```

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(227, 175, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 175, 233) }
```

Border

The CSS property to change the border of an element to XYZ 61.7165, 52.8740, 84.0437 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(227, 175, 233) }
```


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

```
.border{ border-color:rgb(227, 175, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 175, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 175, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 175, 233);  
box-shadow:4px 4px 4px 4px rgb(227, 175,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7165, 52.8740, 84.0437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 175, 233) }
```

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

```
.background{ background-color: rgb(227,  
175, 233) }
```

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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