

Converting Colors

XYZ(61.1182, 53.1884, 67.4299)

Have a look what the booklet for
XYZ(61.1182, 53.1884, 67.4299)
contains.

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Color

**XYZ(61.2949, 53.3163,
67.3821)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB0D1
RGB	235, 176, 209
RGB Percent	92%, 69%, 82%
CMY	0.0784, 0.3098, 0.1804
CMYK	0.00, 0.25, 0.11, 0.08
HSL	326°, 60%, 81%
HSV	326°, 25%, 92%
XYZ	61.2949, 53.3163, 67.3821
YIQ	197.4030, 24.5710, 22.7710

Conversions

Conversions Part 2

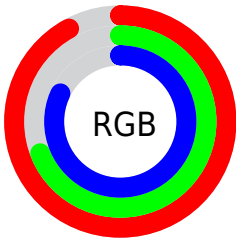
Format	Color
R_{YB}	235, 176, 209
Decimal	15446225
CIE _{Lab}	78.06, 26.54, -8.26
CIE _{LCh}	78, 27.800, 342.715
Yxy	53.3163, 0.3368, 0.2930
Android (android.graphics.Color)	4293636305 (0xFFEBB0D1)
YUV	197.4030, 5.7173, 32.9726
Hunter-Lab	73.0180, 22.0601, -3.6011

Details

The XYZ color **61.2949, 53.3163, 67.3821** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **58.2757, 72.9125, 66.8825**, and the grayscale version is **53.2719, 56.0462, 61.0343**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **31.5898, 26.1162, 34.3863** is the 20% darker color. If you saturate the color by 10%, you get **55.8393, 44.3903, 59.4418**, and if you desaturate by 10%, it is **67.6346, 63.8756, 76.0296**.

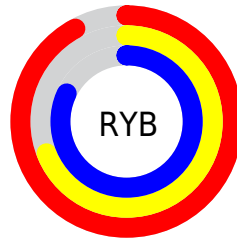
Distribution



Red (92%)

Green (69%)

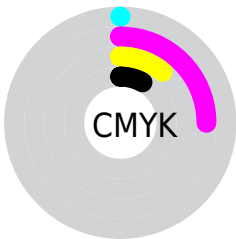
Blue (82%)



Red (92%)

Yellow (69%)

Blue (82%)

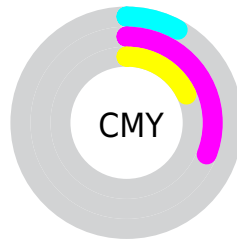


Cyan (0%)

Magenta (25%)

Yellow (11%)

Black (8%)



Cyan (8%)


Magenta (31%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2949, 53.3163, 67.3821 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 61.2949, 53.3163, 67.3821 by changing the saturation by 10% instead.


 61.2949, 53.3163,
67.3821

 61.2949, 53.3163,
67.3821


419.1131,
399.4975, 469.8421

 44.7166, 38.0553,
48.9317


 105.8015, 95.0696,
117.1136

 31.4346, 26.0256,
34.2001


134.4606,
122.3308, 149.2317

 21.0835, 16.8428,
22.7687

167.8773,
154.3608, 186.7429

 13.2978, 10.1225,
14.2191

206.4170,
191.5441, 230.0655

 7.7124, 5.4802,
8.1327

250.4451,
234.2650, 279.6182

 3.9617, 2.5317,
4.0910

300.3269,

 1.6805, 0.8925,

282.9079, 335.8195

1.6754

356.4278,
337.8573, 399.0880

■ 0.4440, 0.0000,
0.3438

■ 0.0000, 0.0000,
0.0000

■ 61.2949, 53.3163,
67.3821

■ 61.2949, 53.3163,
67.3821

■ 55.8393, 44.3903,
59.4418

■ 67.6346, 63.8756,
76.0296

■ 51.2204, 37.0075,
52.1833

■ 74.8933, 76.1379,
85.4017

■ 47.3934, 31.0803,
45.5844

■ 83.1099, 90.1775,
95.5192

■ 44.3072, 26.5090,
39.6197

■ 87.3438, 96.1113,
104.7426

■ 41.9043, 23.1814,
34.2617

■ 88.0713, 96.4023,
108.5734

■ 40.1180, 20.9669,
29.4791

■ 38.8667, 19.7054,
25.2359

■ 38.3875, 19.3128,
23.3317

Harmonies

Analogous

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



58.0809, 53.3163, 82.8659



61.2949, 53.3163, 67.3821



61.5394, 53.3163, 51.7261

Triad

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



61.2949, 53.3163, 67.3821



48.4156, 53.3163, 33.5286



43.3959, 53.3163, 80.7504

Complementary

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



61.2949, 53.3163, 67.3821



58.2757, 72.9125, 66.8825

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.



41.1720, 53.3163, 64.8746



61.2949, 53.3163, 67.3821



43.9280, 53.3163, 38.7642

Square

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



61.2949, 53.3163, 67.3821



53.8363, 53.3163, 33.9577



41.3595, 53.3163, 49.6262



47.6410, 53.3163, 91.4788

Rectangle

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



61.2949, 53.3163, 67.3821



59.9618, 53.3163, 43.3659



41.3595, 53.3163, 49.6262



42.4012, 53.3163, 75.7286

Sweetspot

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



61.2965, 53.3187, 67.3832



87.4699, 87.1023, 99.3987



54.7630, 49.5478, 85.2753



18.4348, 18.1572, 20.9068



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.



61.2965, 53.3187, 67.3832



70.3493, 58.5358, 76.1971



58.0197, 52.0080, 50.1278



15.4182, 15.1951, 17.4877



21.4295, 10.7745, 13.3289



1.7310, 0.8654, 1.3007

Inverse Universe

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



61.2965, 53.3187, 67.3832



70.3493, 58.5358, 76.1971



62.0478, 74.4213, 86.7461



15.4182, 15.1951, 17.4877



21.4295, 10.7745, 13.3289



1.7310, 0.8654, 1.3007

Previews

White Background



This preview shows how the XYZ color 61.2949, 53.3163, 67.3821 looks on a white background.

Color Contrast Check

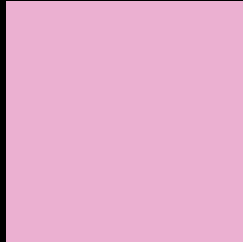
Large Text (above 18pt) WCAG AA × Fail

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 61.2949, 53.3163, 67.3821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

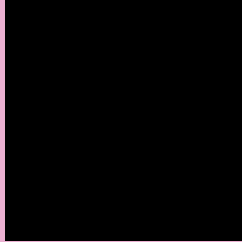
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2949, 53.3163, 67.3821

Background



This preview shows how black text looks on a background with the XYZ color 61.2949, 53.3163, 67.3821.



This preview shows how white text looks on a background with the XYZ color 61.2949, 53.3163,

67.3821.

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

61.2949, 53.3163, 67.3821

Protanopia

52.6221, 53.6326, 74.5965

Deuteranopia

54.6993, 53.5932, 66.4931



Tritanopia

59.3500, 53.4141, 57.6339

Trichromacy



Original Color

61.2949, 53.3163, 67.3821

Protanomaly

55.2782, 53.1459, 71.6347

Deuteranomaly

57.1409, 53.5868, 67.0061

Tritanomaly

60.1609, 53.4567, 61.1802

Monochromacy



Original Color

61.2949, 53.3163, 67.3821

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.6042, 54.4611, 62.8397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2949, 53.3163, 67.3821 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(235, 176, 209)` looks like.

```
.text, #text, p{  
    color:rgb(235, 176, 209)  
}
```

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(235, 176, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 176, 209) }
```

Border

The CSS property to change the border of an element to XYZ 61.2949, 53.3163, 67.3821 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(235, 176, 209) }
```


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

```
.border{ border-color:rgb(235, 176, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 176, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 176, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 176, 209);  
box-shadow:4px 4px 4px 4px rgb(235, 176,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2949, 53.3163, 67.3821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 176, 209) }
```

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

```
.background{ background-color: rgb(235,  
176, 209) }
```

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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