

Converting Colors

XYZ(60.0419, 52.8351, 66.2590)

Have a look what the booklet for
XYZ(60.0419, 52.8351, 66.2590)
contains.

XYZ(60.0665, 52.7115, 66.0400)	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(60.0665, 52.7115,
66.0400)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B0CF
RGB	232, 176, 207
RGB Percent	91%, 69%, 81%
CMY	0.0902, 0.3098, 0.1882
CMYK	0.00, 0.24, 0.11, 0.09
HSL	327°, 55%, 80%
HSV	327°, 24%, 91%
XYZ	60.0665, 52.7115, 66.0400
YIQ	196.2780, 23.4250, 21.5130

Conversions

Conversions Part 2

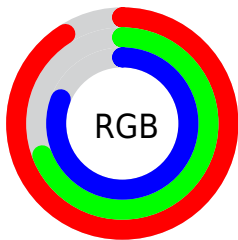
Format	Color
R_{YB}	232, 176, 207
Decimal	15249615
CIE _{Lab}	77.70, 25.18, -7.74
CIE _{LCh}	78, 26.340, 342.920
Yxy	52.7115, 0.3359, 0.2948
Android (android.graphics.Color)	4293439695 (0xFFE8B0CF)
YUV	196.2780, 5.2859, 31.3282
Hunter-Lab	72.6027, 20.6240, -3.1088

Details

The XYZ color **60.0665, 52.7115, 66.0400** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.3058, 71.1617, 65.9768**, and the grayscale version is **52.5969, 55.3360, 60.2609**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **30.7372, 25.6959, 33.4768** is the 20% darker color. If you saturate the color by 10%, you get **54.6756, 43.8897, 58.1991**, and if you desaturate by 10%, it is **66.3209, 63.1260, 74.5798**.

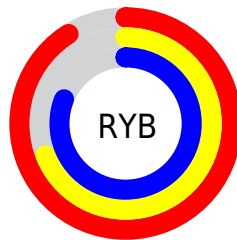
Distribution



Red (91%)

Green (69%)

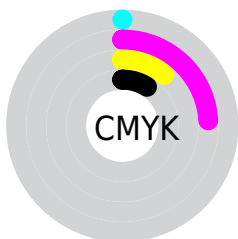
Blue (81%)



Red (91%)

Yellow (69%)

Blue (81%)

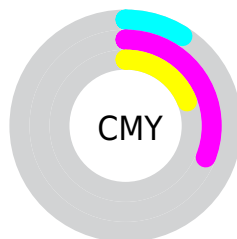


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (9%)



Cyan (9%)


Magenta (31%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0665, 52.7115, 66.0400 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 60.0665, 52.7115, 66.0400 by changing the saturation by 10% instead.


 60.0665, 52.7115,
66.0400

 60.0665, 52.7115,
66.0400


414.6737,
397.1773, 464.9280

 43.7219, 37.5725,
47.8482

 104.0319, 94.1797,
115.1713

 30.6489, 25.6511,
33.3475


132.3835,
121.2777, 146.9479

 20.4822, 16.5628,
22.1195


165.4680,
153.1309, 184.0897

 12.8563, 9.9233,
13.7456

203.6510,
190.1235, 227.0155

 7.4060, 5.3481,
7.8072

247.2976,
232.6401, 276.1437

 3.7659, 2.4529,
3.8858

296.7734,

 1.5705, 0.8529,

281.0650, 331.8928

1.5629

352.4436,
335.7826, 394.6814

■ 0.3731, 0.0000,
0.2642

■ 0.0000, 0.0000,
0.0000

■ 60.0665, 52.7115,
66.0400

■ 60.0665, 52.7115,
66.0400

■ 54.6756, 43.8897,
58.1991

■ 66.3209, 63.1260,
74.5798

■ 50.1025, 36.5738,
51.0323

■ 73.4725, 75.2000,
83.8356

■ 46.3042, 30.6795,
44.5179

■ 81.5586, 89.0054,
93.8278

■ 43.2315, 26.1113,
38.6311

■ 86.0495, 95.4801,
103.0536

■ 40.8293, 22.7619,
33.3451

■ 87.0890, 95.8959,
108.5274

■ 39.0340, 20.5068,
28.6298

■ 37.7685, 19.1946,
24.4503

■ 37.2031, 18.7256,
22.2215

Harmonies

Analogous

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



57.0763, 52.7115, 80.5032



60.0665, 52.7115, 66.0400



60.2746, 52.7115, 51.3434

Triad

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



60.0665, 52.7115, 66.0400



47.9409, 52.7115, 34.1503



43.2600, 52.7115, 78.7110

Complementary

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



60.0665, 52.7115, 66.0400



57.3058, 71.1617, 65.9768

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.



41.1413, 52.7115, 63.9019



60.0665, 52.7115, 66.0400



43.7179, 52.7115, 39.1933

Square

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



60.0665, 52.7115, 66.0400



53.0351, 52.7115, 34.5248



41.3031, 52.7115, 49.5374



47.2766, 52.7115, 88.6268

Rectangle

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



60.0665, 52.7115, 66.0400



58.7874, 52.7115, 43.4496



41.3031, 52.7115, 49.5374



42.3149, 52.7115, 74.0416

Sweetspot

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



60.0680, 52.7139, 66.0411



88.3609, 88.6326, 100.4712



53.9837, 49.1957, 82.9950



18.7951, 18.7718, 21.3539



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.



60.0680, 52.7139, 66.0411



70.9567, 59.6012, 76.8605



57.0170, 51.4935, 49.9747



14.7092, 14.5009, 16.6693



20.7179, 10.4214, 12.6756



1.5776, 0.7888, 1.1822

Inverse Universe

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



60.0680, 52.7139, 66.0411



70.9567, 59.6012, 76.8605



60.8034, 72.5607, 84.3948



14.7092, 14.5009, 16.6693



20.7179, 10.4214, 12.6756



1.5776, 0.7888, 1.1822

Previews

White Background



This preview shows how the XYZ color 60.0665, 52.7115, 66.0400 looks on a white background.

Color Contrast Check

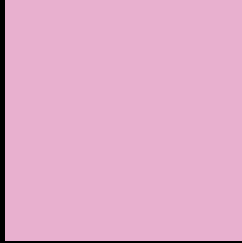
Large Text (above 18pt) WCAG AA × Fail

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 60.0665, 52.7115, 66.0400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

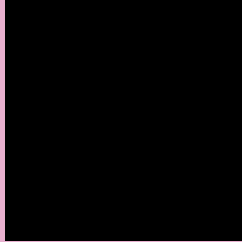
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0665, 52.7115, 66.0400

Background



This preview shows how black text looks on a background with the XYZ color 60.0665, 52.7115, 66.0400.



This preview shows how white text looks on a background with the XYZ color 60.0665, 52.7115,

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

60.0665, 52.7115, 66.0400

Protanopia

52.0117, 53.0383, 72.4618

Deuteranopia

53.9666, 52.9276, 65.1293



Tritanopia

58.2677, 52.8690, 57.0029

Trichromacy



Original Color

60.0665, 52.7115, 66.0400

Protanomaly

54.7460, 52.9010, 70.2763

Deuteranomaly

56.0984, 52.7703, 65.6215

Tritanomaly

58.9534, 52.8609, 59.9193

Monochromacy



Original Color

60.0665, 52.7115, 66.0400

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.9174, 54.1206, 62.1954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0665, 52.7115, 66.0400 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(232, 176, 207)` looks like.

```
.text, #text, p{  
    color:rgb(232, 176, 207)  
}
```

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(232, 176, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 176, 207) }
```

Border

The CSS property to change the border of an element to XYZ 60.0665, 52.7115, 66.0400 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(232, 176, 207) }
```


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

```
.border{ border-color:rgb(232, 176, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 176, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 176, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 176, 207);  
box-shadow:4px 4px 4px 4px rgb(232, 176,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0665, 52.7115, 66.0400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 176, 207) }
```

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

```
.background{ background-color: rgb(232,  
176, 207) }
```

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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