

Converting Colors

XYZ(60.4055, 52.9407, 76.8469)

Have a look what the booklet for
XYZ(60.4055, 52.9407, 76.8469)
contains.

XYZ(60.4055, 52.9407, 76.8469)	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(60.4055, 52.9407,
76.8469)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B1DF
RGB	226, 177, 223
RGB Percent	89%, 69%, 87%
CMY	0.1137, 0.3059, 0.1255
CMYK	0.00, 0.22, 0.01, 0.11
HSL	304°, 46%, 79%
HSV	304°, 22%, 89%
XYZ	60.4055, 52.9407, 76.8469
YIQ	196.8950, 14.4380, 24.6940

Conversions

Conversions Part 2

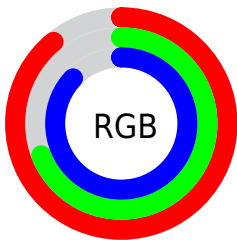
Format	Color
R_{YB}	226, 177, 223
Decimal	14856671
CIE Lab	77.84, 25.40, -16.27
CIE LCh	78, 30.166, 327.350
Yxy	52.9407, 0.3176, 0.2784
Android (android.graphics.Color)	4293046751 (0xFFE2B1DF)
YUV	196.8950, 12.8698, 25.5251
Hunter-Lab	72.7604, 20.8597, -11.6877

Details

The XYZ color **60.4055, 52.9407, 76.8469** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.5682, 67.0368, 53.2990**, and the grayscale version is **52.9276, 55.6840, 60.6399**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **30.8531, 25.7885, 40.3973** is the 20% darker color. If you saturate the color by 10%, you get **56.1206, 44.6675, 74.5022**, and if you desaturate by 10%, it is **65.4343, 62.6976, 79.4483**.

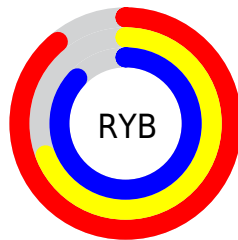
Distribution



Red (89%)

Green (69%)

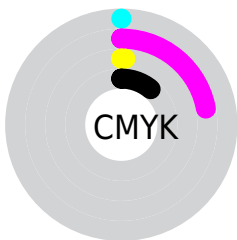
Blue (87%)



Red (89%)

Yellow (69%)

Blue (87%)

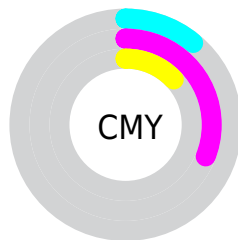


Cyan (0%)

Magenta (22%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (31%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4055, 52.9407, 76.8469 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 60.4055, 52.9407, 76.8469 by changing the saturation by 10% instead.

60.4055, 52.9407,
76.8469

60.4055, 52.9407,
76.8469

415.9016,
398.0576, 503.6657

43.9963, 37.7554,
56.6164

104.5207, 94.5171,
130.6944

30.8655, 25.7929,
40.2900

132.9573,
121.6770, 165.1485

20.6478, 16.6688,
27.4493

166.1338,
153.5973, 205.1808

12.9778, 9.9986,
17.6755

204.4156,
190.6623, 251.2100

7.4901, 5.3981,
10.5502

248.1678,
233.2564, 303.6545

3.8195, 2.4827,
5.6549

297.7561,

1.6005, 0.8679,

281.7641, 362.9329

2.5710

353.5455,
336.5697, 429.4638

■ 0.3928, 0.0000,
0.8775

■ 0.0000, 0.0000,
0.0000

■ 60.4055, 52.9407,
76.8469

■ 60.4055, 52.9407,
76.8469

■ 56.1206, 44.6675,
74.5022

■ 65.4343, 62.6976,
79.4483

■ 52.5385, 37.7983,
72.3987

■ 71.2362, 73.9990,
82.3143

■ 49.6213, 32.2565,
70.5244

■ 77.8444, 86.9107,
85.4566

■ 47.3258, 27.9555,
68.8647

■ 81.2029, 93.3204,
87.5233

45.6033, 24.7983,
67.4035

81.3965, 93.3978,
88.5426

44.3983, 22.6737,
66.1223

81.5916, 93.4758,
89.5700

43.6441, 21.4481,
64.9987

81.7882, 93.5545,
90.6056

43.2686, 20.9306,
64.1535

81.9864, 93.6338,
91.6493

82.1862, 93.7137,
92.7012

Harmonies

Analogous

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



55.6701, 52.9407, 91.2864



60.4055, 52.9407, 76.8469



62.4234, 52.9407, 59.1469

Triad

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



60.4055, 52.9407, 76.8469



50.8408, 52.9407, 31.0615



40.9666, 52.9407, 73.7618

Complementary

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



60.4055, 52.9407, 76.8469



53.5682, 67.0368, 53.2990

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.



39.8894, 52.9407, 56.1656



60.4055, 52.9407, 76.8469



45.3214, 52.9407, 33.4859

Square

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



60.4055, 52.9407, 76.8469



56.6401, 52.9407, 34.5344



41.4221, 52.9407, 41.9395



44.4858, 52.9407, 89.2762

Rectangle

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



60.4055, 52.9407, 76.8469



61.8476, 52.9407, 48.5530



41.4221, 52.9407, 41.9395



40.3194, 52.9407, 67.8031

Sweetspot

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



60.4071, 52.9430, 76.8480



89.4421, 89.0651, 106.1649



48.1465, 46.5753, 78.4051



19.0460, 18.8722, 22.6750



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.



60.4071, 52.9430, 76.8480



76.7762, 64.4875, 99.6177



57.4027, 51.7412, 61.0270



14.2569, 13.9204, 17.1229



24.7006, 11.9473, 36.6849



1.7233, 0.8326, 2.6015

Inverse Universe

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



60.4071, 52.9430, 76.8480



76.7762, 64.4875, 99.6177



56.2229, 68.0987, 67.2784



14.2569, 13.9204, 17.1229



24.7006, 11.9473, 36.6849



1.7233, 0.8326, 2.6015

Previews

White Background



This preview shows how the XYZ color 60.4055, 52.9407, 76.8469 looks on a white background.

Color Contrast Check

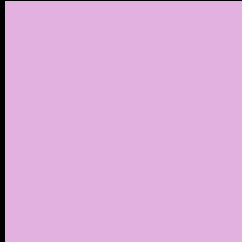
Large Text (above 18pt) WCAG AA × Fail

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 60.4055, 52.9407, 76.8469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

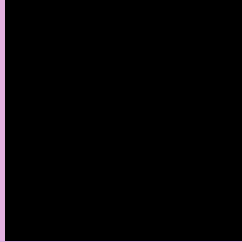
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4055, 52.9407, 76.8469

Background



This preview shows how black text looks on a background with the XYZ color 60.4055, 52.9407, 76.8469.



This preview shows how white text looks on a background with the XYZ color 60.4055, 52.9407,

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

60.4055, 52.9407, 76.8469

Protanopia

52.9635, 53.2781, 83.8362

Deuteranopia

54.3231, 53.1927, 75.8107



Tritanopia

56.8160, 52.9710, 59.4545

Trichromacy



Original Color

60.4055, 52.9407, 76.8469



Protanomaly

55.2550, 52.9171, 81.4305



Deuteranomaly

56.3377, 52.9648, 76.3612



Tritanomaly

57.8933, 52.7867, 65.5301

Monochromacy



Original Color

60.4055, 52.9407, 76.8469



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

55.5665, 54.6930, 66.0207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4055, 52.9407, 76.8469 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(226, 177, 223)` looks like.

```
.text, #text, p{  
    color:rgb(226, 177, 223)  
}
```

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(226, 177, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 177, 223) }
```

Border

The CSS property to change the border of an element to XYZ 60.4055, 52.9407, 76.8469 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(226, 177, 223) }
```


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

```
.border{ border-color:rgb(226, 177, 223) }
```

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

Here you see how a box with a 4 pixel rgb(226, 177, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 177, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 177, 223);  
box-shadow:4px 4px 4px 4px rgb(226, 177,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4055, 52.9407, 76.8469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 177, 223) }
```

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

```
.background{ background-color: rgb(226,  
177, 223) }
```

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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