

Converting Colors

XYZ(60.6912, 52.7548, 79.1424)

Have a look what the booklet for
XYZ(60.6912, 52.7548, 79.1424)
contains.

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Color

**XYZ(60.6168, 52.7104,
78.9308)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B0E2
RGB	226, 176, 226
RGB Percent	89%, 69%, 89%
CMY	0.1137, 0.3098, 0.1137
CMYK	0.00, 0.22, 0.00, 0.11
HSL	300°, 46%, 79%
HSV	300°, 22%, 89%
XYZ	60.6168, 52.7104, 78.9308
YIQ	196.6500, 13.7500, 26.1500

Conversions

Conversions Part 2

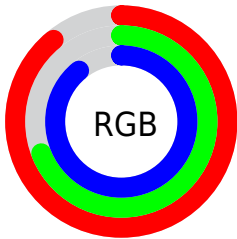
Format	Color
R _Y B	226, 176, 226
Decimal	14856418
CIE Lab	77.70, 26.49, -18.10
CIE LCh	78, 32.084, 325.646
Yxy	52.7104, 0.3153, 0.2742
Android (android.graphics.Color)	4293046498 (0xFFE2B0E2)
YUV	196.6500, 14.4695, 25.7399
Hunter-Lab	72.6019, 21.9798, -13.6371

Details

The XYZ color **60.6168, 52.7104, 78.9308** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.9394, 66.7590, 51.1727**, and the grayscale version is **52.7711, 55.5193, 60.4605**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **31.0112, 25.6522, 41.8450** is the 20% darker color. If you saturate the color by 10%, you get **56.5497, 44.5753, 77.5756**, and if you desaturate by 10%, it is **65.4248, 62.3255, 80.5341**.

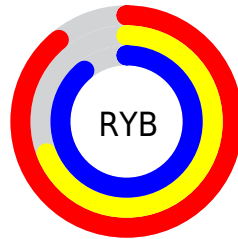
Distribution



Red (89%)

Green (69%)

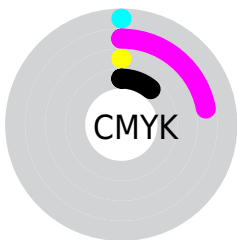
Blue (89%)



Red (89%)

Yellow (69%)

Blue (89%)

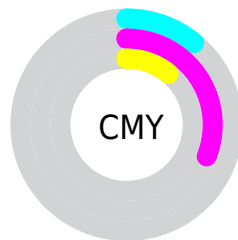


Cyan (0%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (31%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6168, 52.7104, 78.9308 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 60.6168, 52.7104, 78.9308 by changing the saturation by 10% instead.

60.6168, 52.7104,
78.9308

60.6168, 52.7104,
78.9308

416.6660,
397.1731, 510.9336

44.1673, 37.5716,
58.3179

104.8252, 94.1781,
133.6592

31.0006, 25.6504,
41.6479

133.3148,
121.2758, 168.6119

20.7511, 16.5623,
28.5022

166.5485,
153.1286, 209.1815

13.0536, 9.9229,
18.4622

204.8917,
190.1209, 255.7867

7.5427, 5.3479,
11.1095

248.7096,
232.6371, 308.8459

3.8531, 2.4528,
6.0254

298.3678,

1.6194, 0.8528,

281.0616, 368.7778

2.7915

354.2314,
335.7788, 436.0009

■ 0.4050, 0.0000,
0.9892

■ 0.0000, 0.0000,
0.0000

■ 60.6168, 52.7104,
78.9308

■ 60.6168, 52.7104,
78.9308

■ 56.5497, 44.5753,
77.5756

■ 65.4248, 62.3255,
80.5341

■ 53.1822, 37.8402,
76.4530

■ 71.0028, 73.4815,
82.3936

■ 50.4762, 32.4284,
75.5510

■ 77.3843, 86.2444,
84.5208

■ 48.3883, 28.2526,
74.8549

■ 80.8521, 93.1800,
85.6768

46.8698, 25.2155,
74.3487

80.8522, 93.1800,
85.6769

45.8645, 23.2050,
74.0135

80.8522, 93.1801,
85.6770

45.3051, 22.0863,
73.8270

80.8522, 93.1801,
85.6771

45.0920, 21.6600,
73.7559

80.8522, 93.1801,
85.6771

80.8522, 93.1801,
85.6772

Harmonies

Analogous

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



55.4468, 52.7104, 94.0647



60.6168, 52.7104, 78.9308



62.9722, 52.7104, 60.0277

Triad

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



60.6168, 52.7104, 78.9308



51.0115, 52.7104, 29.6041



40.0890, 52.7104, 73.5003

Complementary

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



60.6168, 52.7104, 78.9308



52.9394, 66.7590, 51.1727

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.



39.1130, 52.7104, 54.8359



60.6168, 52.7104, 78.9308



45.1078, 52.7104, 31.7574

Square

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



60.6168, 52.7104, 78.9308



57.1435, 52.7104, 33.5392



40.8753, 52.7104, 40.1791



43.6599, 52.7104, 90.5023

Rectangle

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



60.6168, 52.7104, 78.9308



62.4983, 52.7104, 48.6560



40.8753, 52.7104, 40.1791



39.4599, 52.7104, 67.1171

Sweetspot

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



60.6184, 52.7127, 78.9319



89.6176, 89.1353, 107.0891



47.1597, 45.7744, 78.3022



19.0868, 18.8885, 22.8898



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.



60.6184, 52.7127, 78.9319



76.8805, 63.6610, 102.8432



57.4338, 51.4388, 62.1619



14.2951, 13.9357, 17.3241



25.7246, 12.3569, 42.0772



1.7831, 0.8565, 2.9166

Inverse Universe

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



60.6184, 52.7127, 78.9319



76.8805, 63.6610, 102.8432



55.6454, 67.8414, 65.4222



14.2951, 13.9357, 17.3241



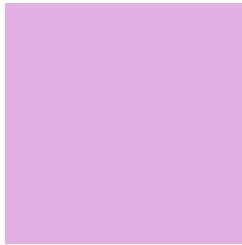
25.7246, 12.3569, 42.0772



1.7831, 0.8565, 2.9166

Previews

White Background



This preview shows how the XYZ color 60.6168, 52.7104, 78.9308 looks on a white background.

Color Contrast Check

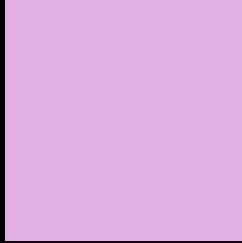
Large Text (above 18pt) WCAG AA × Fail

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 60.6168, 52.7104, 78.9308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

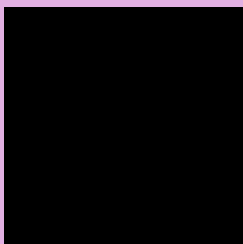
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6168, 52.7104, 78.9308

Background



This preview shows how black text looks on a background with the XYZ color 60.6168, 52.7104, 78.9308.



This preview shows how white text looks on a background with the XYZ color 60.6168, 52.7104,

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

60.6168, 52.7104, 78.9308

Protanopia

52.8452, 52.8281, 86.7685

Deuteranopia

54.2027, 53.0840, 77.9105



Tritanopia

56.6119, 52.5629, 59.3864

Trichromacy



Original Color

60.6168, 52.7104, 78.9308

Protanomaly

55.2032, 52.5299, 83.5737

Deuteranomaly

56.4632, 52.9826, 78.4849

Tritanomaly

57.8140, 52.4332, 66.1050

Monochromacy



Original Color

60.6168, 52.7104, 78.9308

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.5952, 54.3592, 67.2367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6168, 52.7104, 78.9308 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, 176, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 176, 226)  
}
```

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, 176, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 176, 226) }
```

Border

The CSS property to change the border of an element to XYZ 60.6168, 52.7104, 78.9308 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, 176, 226) }
```


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

```
.border{ border-color:rgb(226, 176, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 176, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 176, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 176, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 176,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6168, 52.7104, 78.9308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 176, 226) }
```

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

```
.background{ background-color: rgb(226,  
176, 226) }
```

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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