

Converting Colors

XYZ(61.0235, 52.2128, 66.4188)

Have a look what the booklet for
XYZ(61.0235, 52.2128, 66.4188)
contains.

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Color

**XYZ(61.2538, 52.4457,
66.5691)**

Conversions

Conversions Part 1

Format	Color
Hex	EDADD0
RGB	237, 173, 208
RGB Percent	93%, 68%, 82%
CMY	0.0706, 0.3215, 0.1843
CMYK	0.00, 0.27, 0.12, 0.07
HSL	327°, 64%, 80%
HSV	327°, 27%, 93%
XYZ	61.2538, 52.4457, 66.5691
YIQ	196.1260, 26.9090, 24.4530

Conversions

Conversions Part 2

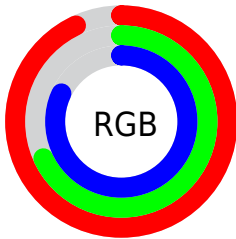
Format	Color
R _Y B	237, 173, 208
Decimal	15576528
CIE Lab	77.55, 28.67, -8.46
CIE LCh	78, 29.889, 343.559
Yxy	52.4457, 0.3398, 0.2909
Android (android.graphics.Color)	4293766608 (0xFFEDADD0)
YUV	196.1260, 5.8539, 35.8465
Hunter-Lab	72.4194, 24.2450, -3.8068

Details

The XYZ color **61.2538, 52.4457, 66.5691** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **58.1806, 73.7184, 67.0431**, and the grayscale version is **52.5009, 55.2350, 60.1509**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **31.3716, 25.4693, 33.8345** is the 20% darker color. If you saturate the color by 10%, you get **55.8292, 43.6396, 58.4612**, and if you desaturate by 10%, it is **67.5770, 62.9045, 75.4192**.

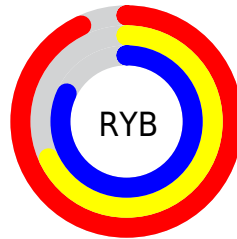
Distribution



Red (93%)

Green (68%)

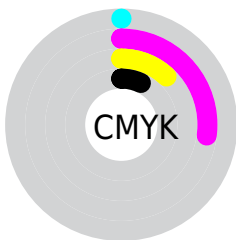
Blue (82%)



Red (93%)

Yellow (68%)

Blue (82%)

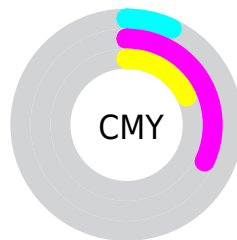


Cyan (0%)

Magenta (27%)

Yellow (12%)

Black (7%)



Cyan (7%)

Magenta (32%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2538, 52.4457, 66.5691 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 61.2538, 52.4457, 66.5691 by changing the saturation by 10% instead.

61.2538, 52.4457,
66.5691

61.2538, 52.4457,
66.5691

418.9650,
396.1549, 466.8691

44.6833, 37.3605,
48.2751

105.7424, 93.7882,
115.9375

31.4083, 25.4867,
33.6833

134.3912,
120.8143, 147.8491

21.0633, 16.4400,
22.3750

167.7968,
152.5894, 185.1369

13.2830, 9.8361,
13.9318

206.3247,
189.4980, 228.2196

7.7021, 5.2904,
7.9350

250.3401,
231.9245, 277.5156

3.9551, 2.4186,
3.9662

300.2083,

1.6768, 0.8355,

280.2531, 333.4435

1.6068

356.2949,
334.8685, 396.4218

■ 0.4417, 0.0000,
0.2957

■ 0.0000, 0.0000,
0.0000

■ 61.2538, 52.4457,
66.5691

■ 61.2538, 52.4457,
66.5691

■ 55.8292, 43.6396,
58.4612

■ 67.5770, 62.9045,
75.4192

■ 51.2544, 36.3931,
51.0687

■ 74.8353, 75.0884,
85.0304

■ 47.4823, 30.6148,
44.3677

■ 83.0689, 89.0742,
95.4248

■ 44.4597, 26.2008,
38.3312

■ 88.0918, 96.4872,
105.2151

■ 42.1261, 23.0335,
32.9294

■ 88.7354, 96.7447,
108.6045

■ 40.4109, 20.9748,
28.1290

■ 39.2239, 19.8475,
23.8896

■ 38.9280, 19.6058,
22.7121

Harmonies

Analogous

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



57.8838, 52.4457, 83.3382



61.2538, 52.4457, 66.5691



61.4195, 52.4457, 49.9800

Triad

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



61.2538, 52.4457, 66.5691



47.2940, 52.4457, 31.4682



42.2388, 52.4457, 81.8942

Complementary

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



61.2538, 52.4457, 66.5691



58.1806, 73.7184, 67.0431

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.



39.8297, 52.4457, 64.8757



61.2538, 52.4457, 66.5691



42.5928, 52.4457, 37.0497

Square

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



61.2538, 52.4457, 66.5691



53.0517, 52.4457, 31.7467



39.9541, 52.4457, 48.5823



46.7761, 52.4457, 93.2862

Rectangle

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



61.2538, 52.4457, 66.5691



59.6678, 52.4457, 41.2911



39.9541, 52.4457, 48.5823



41.1695, 52.4457, 76.5135

Sweetspot

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



61.2553, 52.4481, 66.5702



87.4310, 87.0867, 99.1935



54.5348, 48.5329, 86.6151



18.4250, 18.1533, 20.8551



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.



61.2553, 52.4481, 66.5702



68.9182, 56.3639, 73.5920



57.7268, 51.0367, 47.9894



15.4101, 15.1919, 17.4448



21.3202, 10.7308, 12.7535



1.7226, 0.8620, 1.2565

Inverse Universe

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



61.2553, 52.4481, 66.5702



68.9182, 56.3639, 73.5920



62.3420, 75.3829, 88.9569



15.4101, 15.1919, 17.4448



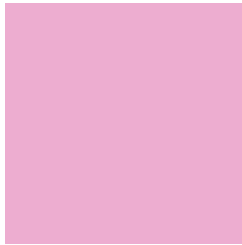
21.3202, 10.7308, 12.7535



1.7226, 0.8620, 1.2565

Previews

White Background



This preview shows how the XYZ color 61.2538, 52.4457, 66.5691 looks on a white background.

Color Contrast Check

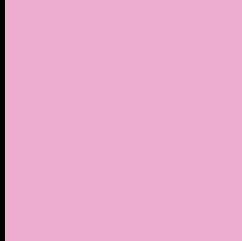
Large Text (above 18pt) WCAG AA × Fail

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 61.2538, 52.4457, 66.5691 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 61.2538, 52.4457, 66.5691

Background



This preview shows how black text looks on a background with the XYZ color 61.2538, 52.4457, 66.5691.



This preview shows how white text looks on a background with the XYZ color 61.2538, 52.4457,

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

61.2538, 52.4457, 66.5691

Protanopia

51.6932, 52.5062, 74.4280

Deuteranopia

53.6013, 52.4114, 65.6838



Tritanopia

59.0805, 52.4305, 55.7214

Trichromacy



Original Color

61.2538, 52.4457, 66.5691



Protanomaly

54.5831, 52.1664, 71.4823



Deuteranomaly

56.1053, 52.1517, 66.1407



Tritanomaly

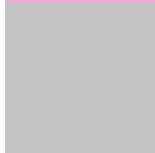
60.0001, 52.5240, 59.7991

Monochromacy



Original Color

61.2538, 52.4457, 66.5691



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.2725, 53.9855, 62.1506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2538, 52.4457, 66.5691 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(237, 173, 208)` looks like.

```
.text, #text, p{  
    color:rgb(237, 173, 208)  
}
```

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(237, 173, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 173, 208) }
```

Border

The CSS property to change the border of an element to XYZ 61.2538, 52.4457, 66.5691 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(237, 173, 208) }
```


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

```
.border{ border-color:rgb(237, 173, 208) }
```

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

Here you see how a box with a 4 pixel rgb(237, 173, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 173, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 173, 208);  
box-shadow:4px 4px 4px 4px rgb(237, 173,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2538, 52.4457, 66.5691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 173, 208) }
```

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

```
.background{ background-color: rgb(237,  
173, 208) }
```

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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