

Converting Colors

XYZ(62.6266, 53.6948, 74.8656)

Have a look what the booklet for
XYZ(62.6266, 53.6948, 74.8656)
contains.

XYZ(62.7046, 53.8801, 74.8052)	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(62.7046, 53.8801,
74.8052)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB0DC
RGB	235, 176, 220
RGB Percent	92%, 69%, 86%
CMY	0.0784, 0.3098, 0.1373
CMYK	0.00, 0.25, 0.06, 0.08
HSL	315°, 60%, 81%
HSV	315°, 25%, 92%
XYZ	62.7046, 53.8801, 74.8052
YIQ	198.6570, 21.0400, 26.1920

Conversions

Conversions Part 2

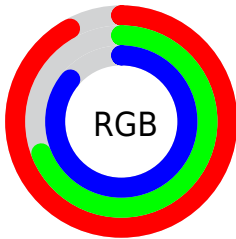
Format	Color
R _Y B	235, 176, 220
Decimal	15446236
CIE Lab	78.39, 28.41, -13.73
CIE LCh	78, 31.552, 334.201
Yxy	53.8801, 0.3276, 0.2815
Android (android.graphics.Color)	4293636316 (0xFFEBB0DC)
YUV	198.6570, 10.5221, 31.8728
Hunter-Lab	73.4031, 24.0283, -9.0404

Details

The XYZ color **62.7046, 53.8801, 74.8052** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.0190, 72.4100, 60.2647**, and the grayscale version is **54.0067, 56.8193, 61.8762**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **32.4649, 26.4662, 38.9947** is the 20% darker color. If you saturate the color by 10%, you get **57.7128, 45.1396, 69.3068**, and if you desaturate by 10%, it is **68.5255, 64.2319, 80.7207**.

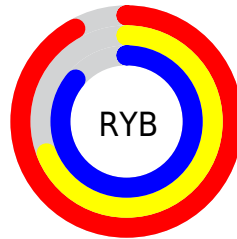
Distribution



Red (92%)

Green (69%)

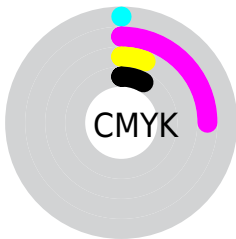
Blue (86%)



Red (92%)

Yellow (69%)

Blue (86%)

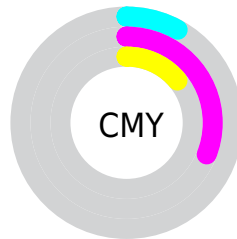


Cyan (0%)

Magenta (25%)

Yellow (6%)

Black (8%)



Cyan (8%)

Magenta (31%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7046, 53.8801, 74.8052 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 62.7046, 53.8801, 74.8052 by changing the saturation by 10% instead.

62.7046, 53.8801,
74.8052

62.7046, 53.8801,
74.8052

424.1733,
401.6526, 496.4853

45.8600, 38.5058,
54.9525

107.8274, 95.8982,
127.7811

32.3395, 26.3755,
38.9654

136.8364,
123.3108, 161.7415

21.7778, 17.1048,
26.4252

170.6309,
155.5049, 201.2415

13.8094, 10.3092,
16.9134

209.5762,
192.8650, 246.6997

8.0690, 5.6045,
10.0114

254.0378,
235.7754, 298.5347

4.1913, 2.6061,
5.3008

304.3809,

1.8109, 0.9297,

284.6205, 357.1649

2.3630

360.9710,
339.7848, 423.0089

■ 0.5242, 0.0000,
0.7662

■ 0.0000, 0.0000,
0.0000

■ 62.7046, 53.8801,
74.8052

■ 62.7046, 53.8801,
74.8052

■ 57.7128, 45.1396,
69.3068

■ 68.5255, 64.2319,
80.7207

■ 53.5038, 37.9208,
64.2069

■ 75.2092, 76.2641,
87.0642

■ 50.0342, 32.1366,
59.4901

■ 82.7930, 90.0507,
93.8502

■ 47.2544, 27.6878,
55.1384

■ 86.3356, 95.7081,
99.4328

■ 45.1081, 24.4628,
51.1315

■ 87.2574, 96.0768,
104.2869

■ 43.5301, 22.3317,
47.4463

■ 88.0714, 96.4024,
108.5734

■ 42.4405, 21.1349,
44.0544

■ 42.0239, 20.7674,
42.4801

Harmonies

Analogous

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



58.2046, 53.8801, 91.6548



62.7046, 53.8801, 74.8052



64.0365, 53.8801, 56.2022

Triad

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



62.7046, 53.8801, 74.8052



50.3437, 53.8801, 30.7918



41.9759, 53.8801, 80.0120

Complementary

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



62.7046, 53.8801, 74.8052



57.0190, 72.4100, 60.2647

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.



40.2243, 53.8801, 61.2013



62.7046, 53.8801, 74.8052



44.8021, 53.8801, 34.7283

Square

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



62.7046, 53.8801, 74.8052



56.5738, 53.8801, 32.9958



41.2161, 53.8801, 45.0335



46.1991, 53.8801, 95.0614

Rectangle

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



62.7046, 53.8801, 74.8052



62.8655, 53.8801, 45.7608



41.2161, 53.8801, 45.0335



41.0947, 53.8801, 73.7951

Sweetspot

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



62.7062, 53.8825, 74.8063



88.0600, 87.3383, 102.5056



51.9461, 48.0955, 85.1439



18.5838, 18.2168, 21.6912



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.



62.7062, 53.8825, 74.8063



72.3350, 59.3301, 86.6533



59.1647, 52.4659, 56.1572



15.5417, 15.2445, 18.1379



23.4421, 11.5795, 23.9273



1.8792, 0.9246, 2.0811

Inverse Universe

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



62.7062, 53.8825, 74.8063



72.3350, 59.3301, 86.6533



60.5662, 73.8289, 78.9438



15.5417, 15.2445, 18.1379



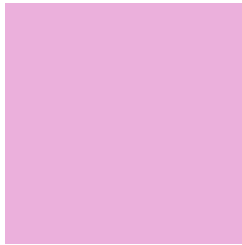
23.4421, 11.5795, 23.9273



1.8792, 0.9246, 2.0811

Previews

White Background



This preview shows how the XYZ color 62.7046, 53.8801, 74.8052 looks on a white background.

Color Contrast Check

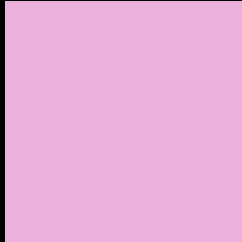
Large Text (above 18pt) WCAG AA × Fail

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 62.7046, 53.8801, 74.8052 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 62.7046, 53.8801, 74.8052

Background



This preview shows how black text looks on a background with the XYZ color 62.7046, 53.8801, 74.8052.



This preview shows how white text looks on a background with the XYZ color 62.7046, 53.8801,

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

62.7046, 53.8801, 74.8052

Protanopia

53.7435, 54.3486, 83.2590

Deuteranopia

55.2096, 54.0137, 73.8455



Tritanopia

59.6529, 54.1437, 58.9365

Trichromacy



Original Color

62.7046, 53.8801, 74.8052



Protanomaly

56.5373, 53.9241, 80.1016



Deuteranomaly

57.6582, 53.6916, 74.3424



Tritanomaly

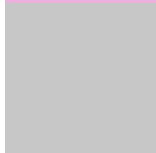
60.6235, 53.9235, 64.3398

Monochromacy



Original Color

62.7046, 53.8801, 74.8052



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

57.0447, 55.7636, 66.7884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7046, 53.8801, 74.8052 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(235, 176, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 176, 220) }
```

Border

The CSS property to change the border of an element to XYZ 62.7046, 53.8801, 74.8052 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, 220) }
```


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

```
.border{ border-color:rgb(235, 176, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 176, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 176, 220);  
box-shadow:4px 4px 4px 4px rgb(235, 176,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7046, 53.8801, 74.8052 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, 220) }
```

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

```
.background{ background-color: rgb(235,  
176, 220) }
```

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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