

Converting Colors

XYZ(62.1189, 52.9850, 75.3597)

Have a look what the booklet for
XYZ(62.1189, 52.9850, 75.3597)
contains.

XYZ(62.1189, 52.9850, 75.3597)	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(62.1189, 52.9850,
75.3597)**

Conversions

Conversions Part 1

Format	Color
Hex	EAAEDD
RGB	234, 174, 221
RGB Percent	92%, 68%, 87%
CMY	0.0823, 0.3176, 0.1333
CMYK	0.00, 0.26, 0.06, 0.08
HSL	313°, 59%, 80%
HSV	313°, 26%, 92%
XYZ	62.1189, 52.9850, 75.3597
YIQ	197.2980, 20.6730, 27.3370

Conversions

Conversions Part 2

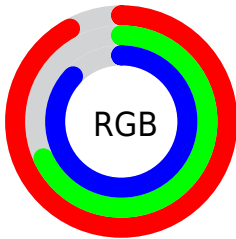
Format	Color
R _Y B	234, 174, 221
Decimal	15380189
CIE Lab	77.87, 29.31, -15.07
CIE LCh	78, 32.962, 332.787
Yxy	52.9850, 0.3261, 0.2782
Android (android.graphics.Color)	4293570269 (0xFFEAAEDD)
YUV	197.2980, 11.6851, 32.1877
Hunter-Lab	72.7908, 24.9461, -10.4289

Details

The XYZ color **62.1189, 52.9850, 75.3597** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.8502, 71.4338, 57.8614**, and the grayscale version is **53.1752, 55.9444, 60.9235**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **32.0804, 25.8929, 39.3834** is the 20% darker color. If you saturate the color by 10%, you get **57.3210, 44.4533, 70.4779**, and if you desaturate by 10%, it is **67.7279, 63.1045, 80.6137**.

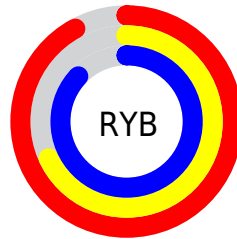
Distribution



Red (92%)

Green (68%)

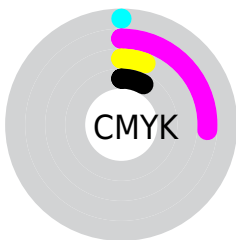
Blue (87%)



Red (92%)

Yellow (68%)

Blue (87%)

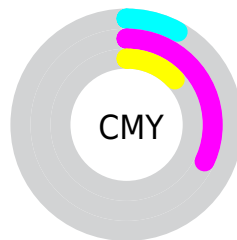


Cyan (0%)

Magenta (26%)

Yellow (6%)

Black (8%)



Cyan (8%)


Magenta (32%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1189, 52.9850, 75.3597 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 62.1189, 52.9850, 75.3597 by changing the saturation by 10% instead.


 62.1189, 52.9850,
75.3597

 62.1189, 52.9850,
75.3597


422.0753,
398.2276, 498.4414

 45.3847, 37.7908,
55.4041


 106.9863, 94.5823,
128.5732

 31.9632, 25.8204,
39.3246


135.8503,
121.7542, 162.6682

 21.4888, 16.6893,
26.7026


169.4883,
153.6874, 202.3133

 13.5962, 10.0132,
17.1195

208.2656,
190.7664, 247.9273

 7.9202, 5.4077,
10.1569

252.5476,
233.3755, 299.9285

 4.0953, 2.4884,
5.3961

302.6996,

 1.7562, 0.8708,

281.8991, 358.7356

2.4187

359.0871,
336.7217, 424.7670

■ 0.4911, 0.0000,
0.7966

■ 0.0000, 0.0000,
0.0000

■ 62.1189, 52.9850,
75.3597

■ 62.1189, 52.9850,
75.3597

■ 57.3210, 44.4533,
70.4779

■ 67.7279, 63.1045,
80.6137

■ 53.2883, 37.4206,
65.9504

■ 74.1812, 74.8805,
86.2501

■ 49.9779, 31.8001,
61.7625

■ 81.5160, 88.3864,
92.2828

■ 47.3401, 27.4933,
57.8969

■ 85.6116, 95.3804,
97.3389

45.3193, 24.3889,
54.3341

86.3810, 95.6882,
101.3904

43.8505, 22.3573,
51.0514

87.1716, 96.0044,
105.5538

42.8535, 21.2384,
48.0212

87.7421, 96.2326,
108.5580

42.5103, 20.9239,
46.7599

Harmonies

Analogous

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



57.3243, 52.9850, 92.6901



62.1189, 52.9850, 75.3597



63.6820, 52.9850, 55.9946

Triad

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



62.1189, 52.9850, 75.3597



49.7646, 52.9850, 29.1598



40.7056, 52.9850, 78.9631

Complementary

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



62.1189, 52.9850, 75.3597



55.8502, 71.4338, 57.8614

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.



39.0400, 52.9850, 59.4227



62.1189, 52.9850, 75.3597



43.9851, 52.9850, 32.8416

Square

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



62.1189, 52.9850, 75.3597



56.2016, 52.9850, 31.6783



40.1885, 52.9850, 43.0264



44.9391, 52.9850, 95.0612

Rectangle

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



62.1189, 52.9850, 75.3597



62.5821, 52.9850, 45.0876



40.1885, 52.9850, 43.0264



39.8439, 52.9850, 72.4496

Sweetspot

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



62.1205, 52.9874, 75.3608



88.1803, 87.3864, 103.1394



50.4832, 46.7801, 84.2116



18.6142, 18.2290, 21.8516



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.



62.1205, 52.9874, 75.3608



72.1692, 58.4565, 88.2691



58.4736, 51.5286, 56.1568



15.5669, 15.2546, 18.2708



23.9367, 11.7774, 26.5317



1.9142, 0.9387, 2.2658

Inverse Universe

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



62.1205, 52.9874, 75.3608



72.1692, 58.4565, 88.2691



59.4047, 72.8556, 76.5789



15.5669, 15.2546, 18.2708



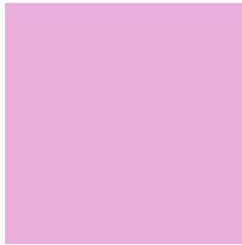
23.9367, 11.7774, 26.5317



1.9142, 0.9387, 2.2658

Previews

White Background



This preview shows how the XYZ color 62.1189, 52.9850, 75.3597 looks on a white background.

Color Contrast Check

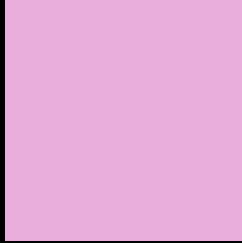
Large Text (above 18pt) WCAG AA × Fail

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 62.1189, 52.9850, 75.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

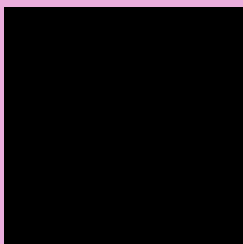
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1189, 52.9850, 75.3597

Background



This preview shows how black text looks on a background with the XYZ color 62.1189, 52.9850, 75.3597.



This preview shows how white text looks on a background with the XYZ color 62.1189, 52.9850,

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

62.1189, 52.9850, 75.3597

Protanopia

52.9635, 53.2781, 83.8362

Deuteranopia

54.1913, 53.1705, 73.7364



Tritanopia

58.3789, 52.9134, 57.5885

Trichromacy



Original Color

62.1189, 52.9850, 75.3597



Protanomaly

55.7097, 52.8559, 80.6648



Deuteranomaly

56.8710, 52.9785, 74.2463



Tritanomaly

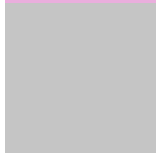
59.4566, 52.7450, 63.5470

Monochromacy



Original Color

62.1189, 52.9850, 75.3597



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

55.9165, 54.5531, 65.9752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1189, 52.9850, 75.3597 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(234, 174, 221)` looks like.

```
.text, #text, p{  
    color:rgb(234, 174, 221)  
}
```

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(234, 174, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 174, 221) }
```

Border

The CSS property to change the border of an element to XYZ 62.1189, 52.9850, 75.3597 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(234, 174, 221) }
```


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

```
.border{ border-color:rgb(234, 174, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 174, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 174, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 174, 221);  
box-shadow:4px 4px 4px 4px rgb(234, 174,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1189, 52.9850, 75.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 174, 221) }
```

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

```
.background{ background-color: rgb(234,  
174, 221) }
```

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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