

Converting Colors

XYZ(60.4126, 53.4079, 69.2804)

Have a look what the booklet for XYZ(60.4126, 53.4079, 69.2804) contains.

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Color

**XYZ(60.4372, 53.4172,
69.4125)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B2D4
RGB	230, 178, 212
RGB Percent	90%, 70%, 83%
CMY	0.0980, 0.3019, 0.1686
CMYK	0.00, 0.23, 0.08, 0.10
HSL	321°, 51%, 80%
HSV	321°, 23%, 90%
XYZ	60.4372, 53.4172, 69.4125
YIQ	197.4240, 20.0780, 21.5980

Conversions

Conversions Part 2

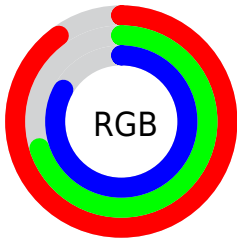
Format	Color
R _Y B	230, 178, 212
Decimal	15119060
CIE Lab	78.12, 24.26, -9.85
CIE LCh	78, 26.189, 337.900
Yxy	53.4172, 0.3298, 0.2915
Android (android.graphics.Color)	4293309140 (0xFFE6B2D4)
YUV	197.4240, 7.1860, 28.5692
Hunter-Lab	73.0871, 19.7029, -5.1481

Details

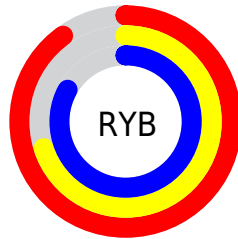
The XYZ color **60.4372, 53.4172, 69.4125** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.6229, 70.0457, 62.7636**, and the grayscale version is **53.2779, 56.0525, 61.0411**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **30.8750, 26.1002, 35.3088** is the 20% darker color. If you saturate the color by 10%, you get **55.2595, 44.6291, 62.8530**, and if you desaturate by 10%, it is **66.4348, 63.7643, 76.4910**.

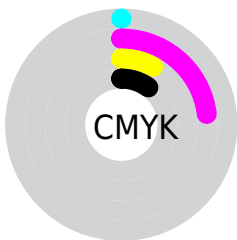
Distribution



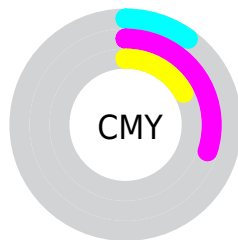
- Red (90%)
- Green (70%)
- Blue (83%)



- Red (90%)
- Yellow (70%)
- Blue (83%)



- Cyan (0%)
- Magenta (23%)
- Yellow (8%)
- Black (10%)





- Cyan (10%)
- Magenta (30%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4372, 53.4172, 69.4125 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 60.4372, 53.4172, 69.4125 by changing the saturation by 10% instead.

 60.4372, 53.4172,
69.4125

 60.4372, 53.4172,
69.4125


416.0164,
399.8837, 477.2178

 44.0219, 38.1359,
50.5739


 104.5664, 95.2180,
120.0438

 30.8857, 26.0882,
35.4952


133.0110,
122.5063, 152.6736

 20.6633, 16.8896,
23.7580


166.1961,
154.5657, 190.7375

 12.9891, 10.1558,
14.9437

204.4870,
191.7807, 234.6540

 7.4980, 5.5024,
8.6337

248.2492,
234.5356, 284.8418

 3.8245, 2.5449,
4.4095

297.8479,

 1.6034, 0.8991,

283.2148, 341.7193

1.8526

353.6485,
338.2027, 405.7051

■ 0.3946, 0.0000,
0.4623

■ 0.0000, 0.0000,
0.0000

■ 60.4372, 53.4172,
69.4125

■ 60.4372, 53.4172,
69.4125

■ 55.2595, 44.6291,
62.8530

■ 66.4348, 63.7643,
76.4910

■ 50.8580, 37.3161,
56.7925

■ 73.2839, 75.7347,
84.1005

■ 47.1921, 31.3973,
51.2146

■ 81.0200, 89.3978,
92.2568

■ 44.2154, 26.7810,
46.1001

■ 84.6999, 94.8658,
99.3155

■ 41.8759, 23.3646,
41.4281

■ 85.9345, 95.3596,
105.8167

■ 40.1139, 21.0297,
37.1747

■ 86.4435, 95.5632,
108.4972

■ 38.8573, 19.6335,
33.3120

■ 38.1691, 19.0374,
30.6772

Harmonies

Analogous

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



57.0541, 53.4172, 83.3318



60.4372, 53.4172, 69.4125



61.1465, 53.4172, 54.3770

Triad

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



60.4372, 53.4172, 69.4125



49.4319, 53.4172, 34.4913



43.4014, 53.4172, 77.2317

Complementary

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



60.4372, 53.4172, 69.4125



56.6229, 70.0457, 62.7636

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.



41.6418, 53.4172, 62.1193



60.4372, 53.4172, 69.4125



44.9678, 53.4172, 38.6518

Square

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



60.4372, 53.4172, 69.4125



54.5611, 53.4172, 35.7786



42.1954, 53.4172, 48.1984



47.1614, 53.4172, 88.3483

Rectangle

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



60.4372, 53.4172, 69.4125



59.9661, 53.4172, 45.9556



42.1954, 53.4172, 48.1984



42.5683, 53.4172, 72.3591

Sweetspot

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



60.4388, 53.4196, 69.4136



88.6385, 88.7436, 101.9334



52.7974, 49.2032, 81.5783



18.8595, 18.7976, 21.6928



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.



60.4388, 53.4196, 69.4136



73.2777, 62.2199, 83.8712



57.4894, 52.2398, 53.8826



14.7721, 14.5260, 17.0000



21.6687, 10.8017, 17.6821



1.6446, 0.8156, 1.5350

Inverse Universe

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



60.4388, 53.4196, 69.4136



73.2777, 62.2199, 83.8712



59.7543, 71.2983, 79.2536



14.7721, 14.5260, 17.0000



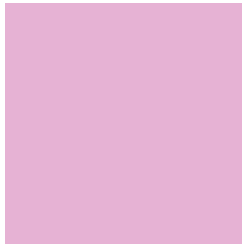
21.6687, 10.8017, 17.6821



1.6446, 0.8156, 1.5350

Previews

White Background



This preview shows how the XYZ color 60.4372, 53.4172, 69.4125 looks on a white background.

Color Contrast Check

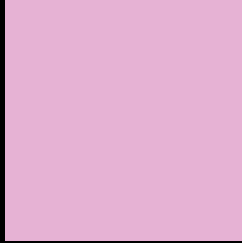
Large Text (above 18pt) WCAG AA × Fail

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 60.4372, 53.4172, 69.4125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

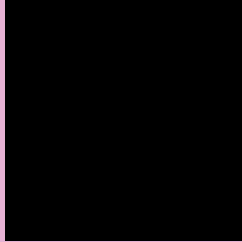
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4372, 53.4172, 69.4125

Background



This preview shows how black text looks on a background with the XYZ color 60.4372, 53.4172, 69.4125.



This preview shows how white text looks on a background with the XYZ color 60.4372, 53.4172,

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

60.4372, 53.4172, 69.4125

Protanopia

52.8870, 53.7385, 75.9917

Deuteranopia

54.7929, 53.5987, 68.4305



Tritanopia

58.3691, 53.4819, 58.8764

Trichromacy



Original Color

60.4372, 53.4172, 69.4125

Protanomaly

55.3271, 53.4400, 73.7286

Deuteranomaly

56.6299, 53.2803, 68.9274

Tritanomaly

59.1770, 53.5176, 62.4693

Monochromacy



Original Color

60.4372, 53.4172, 69.4125

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.3686, 54.6465, 63.5067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4372, 53.4172, 69.4125 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(230, 178, 212)` looks like.

```
.text, #text, p{  
    color:rgb(230, 178, 212)  
}
```

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(230, 178, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 178, 212) }
```

Border

The CSS property to change the border of an element to XYZ 60.4372, 53.4172, 69.4125 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(230, 178, 212) }
```


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

```
.border{ border-color:rgb(230, 178, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 178, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 178, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 178, 212);  
box-shadow:4px 4px 4px 4px rgb(230, 178,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4372, 53.4172, 69.4125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 178, 212) }
```

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

```
.background{ background-color: rgb(230,  
178, 212) }
```

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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