

Converting Colors

XYZ(61.9816, 51.9043, 69.7025)

Have a look what the booklet for
XYZ(61.9816, 51.9043, 69.7025)
contains.

XYZ(61.9816, 51.9043, 69.7025)	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(61.9816, 51.9043,
69.7025)**

Conversions

Conversions Part 1

Format	Color
Hex	EFAAD5
RGB	239, 170, 213
RGB Percent	94%, 67%, 84%
CMY	0.0627, 0.3333, 0.1647
CMYK	0.00, 0.29, 0.11, 0.06
HSL	323°, 68%, 80%
HSV	323°, 29%, 94%
XYZ	61.9816, 51.9043, 69.7025
YIQ	195.5330, 27.3210, 28.0010

Conversions

Conversions Part 2

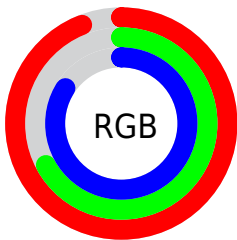
Format	Color
R _Y B	239, 170, 213
Decimal	15706837
CIE Lab	77.22, 31.76, -11.64
CIE LCh	77, 33.828, 339.876
Yxy	51.9043, 0.3376, 0.2827
Android (android.graphics.Color)	4293896917 (0xFFEFAAD5)
YUV	195.5330, 8.6112, 38.1206
Hunter-Lab	72.0446, 27.4894, -6.9313

Details

The XYZ color **61.9816, 51.9043, 69.7025** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.4101, 74.2661, 63.5370**, and the grayscale version is **52.1298, 54.8447, 59.7258**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **31.8242, 25.1363, 35.5222** is the 20% darker color. If you saturate the color by 10%, you get **56.7906, 43.3006, 62.4880**, and if you desaturate by 10%, it is **68.0536, 62.1669, 77.5251**.

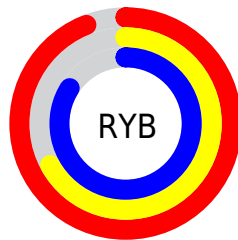
Distribution



Red (94%)

Green (67%)

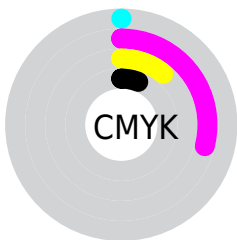
Blue (84%)



Red (94%)

Yellow (67%)

Blue (84%)

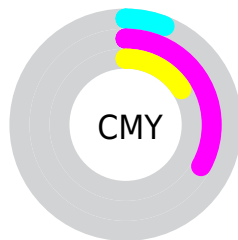


Cyan (0%)

Magenta (29%)

Yellow (11%)

Black (6%)



Cyan (6%)


Magenta (33%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9816, 51.9043, 69.7025 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 61.9816, 51.9043, 69.7025 by changing the saturation by 10% instead.


 61.9816, 51.9043,
69.7025

 61.9816, 51.9043,
69.7025


421.5826,
394.0670, 478.2656

 45.2734, 36.9288,
50.8087


 106.7890, 92.9901,
120.4615

 31.8750, 25.1524,
35.6807


135.6189,
119.8692, 153.1639

 21.4211, 16.1906,
23.9000


169.2201,
151.4849, 191.3062

 13.5464, 9.6591,
15.0479

207.9579,
188.2217, 235.3069

 7.8854, 5.1735,
8.7060

252.1977,
230.4639, 285.5847

 4.0729, 2.3494,
4.4558

302.3049,

 1.7435, 0.7997,

278.5959, 342.5581

1.8786

358.6447,
333.0022, 406.6455

■ 0.4832, 0.0000,
0.4790

■ 0.0000, 0.0000,
0.0000

■ 61.9816, 51.9043,
69.7025

■ 61.9816, 51.9043,
69.7025

■ 56.7906, 43.3006,
62.4880

■ 68.0536, 62.1669,
77.5251

■ 52.4307, 36.2601,
55.8582

■ 75.0438, 74.1634,
85.9714

■ 48.8543, 30.6879,
49.7926

■ 82.9929, 87.9728,
95.0602

■ 46.0062, 26.4761,
44.2676

■ 88.4601, 96.7121,
103.6495

■ 43.8243, 23.5015,
39.2569

■ 89.4070, 97.0909,
108.6359

■ 42.2346, 21.6187,
34.7305

■ 41.1278, 20.6102,
30.6460

■ 41.0167, 20.5188,
30.2059

Harmonies

Analogous

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



57.7606, 51.9043, 88.5610



61.9816, 51.9043, 69.7025



62.6547, 51.9043, 50.6130

Triad

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



61.9816, 51.9043, 69.7025



47.2272, 51.9043, 28.1457



40.3760, 51.9043, 82.6185

Complementary

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



61.9816, 51.9043, 69.7025



57.4101, 74.2661, 63.5370

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.



38.0484, 51.9043, 62.8588



61.9816, 51.9043, 69.7025



41.7687, 51.9043, 33.3152

Square

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



61.9816, 51.9043, 69.7025



53.7456, 51.9043, 29.1950



38.5349, 51.9043, 45.1054



45.1696, 51.9043, 97.0773

Rectangle

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



61.9816, 51.9043, 69.7025



60.9452, 51.9043, 40.5385



38.5349, 51.9043, 45.1054



39.2991, 51.9043, 76.2183

Sweetspot

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



61.9831, 51.9066, 69.7036



86.7993, 85.6768, 99.4344



52.5403, 46.6263, 87.8928



18.3115, 17.8775, 20.9678



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.



61.9831, 51.9066, 69.7036



67.9310, 53.6817, 75.4447



58.1302, 50.3655, 49.4144



16.1870, 15.9245, 18.5411



22.7323, 11.3653, 17.0386



1.9393, 0.9647, 1.6710

Inverse Universe

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



61.9831, 51.9066, 69.7036



67.9310, 53.6817, 75.4447



61.7007, 75.9824, 86.1311



16.1870, 15.9245, 18.5411



22.7323, 11.3653, 17.0386



1.9393, 0.9647, 1.6710

Previews

White Background



This preview shows how the XYZ color 61.9816, 51.9043, 69.7025 looks on a white background.

Color Contrast Check

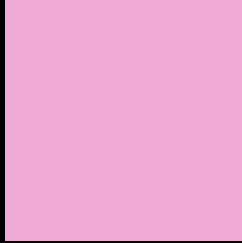
Large Text (above 18pt) WCAG AA × Fail

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 61.9816, 51.9043, 69.7025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

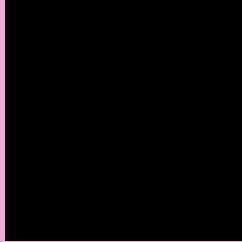
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9816, 51.9043, 69.7025

Background



This preview shows how black text looks on a background with the XYZ color 61.9816, 51.9043, 69.7025.



This preview shows how white text looks on a background with the XYZ color 61.9816, 51.9043,

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

61.9816, 51.9043, 69.7025

Protanopia

51.6922, 52.0765, 79.2788

Deuteranopia

53.2792, 52.1885, 68.2380



Tritanopia

58.8052, 51.7358, 54.4636

Trichromacy



Original Color

61.9816, 51.9043, 69.7025



Protanomaly

54.6809, 51.5137, 75.4678



Deuteranomaly

56.1035, 51.7927, 68.6680



Tritanomaly

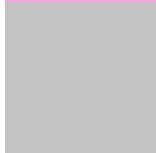
59.9467, 51.9229, 59.6859

Monochromacy



Original Color

61.9816, 51.9043, 69.7025



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.5824, 53.8020, 63.3324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9816, 51.9043, 69.7025 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(239, 170, 213)` looks like.

```
.text, #text, p{  
    color:rgb(239, 170, 213)  
}
```

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(239, 170, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 170, 213) }
```

Border

The CSS property to change the border of an element to XYZ 61.9816, 51.9043, 69.7025 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(239, 170, 213) }
```


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

```
.border{ border-color:rgb(239, 170, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 170, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 170, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 170, 213);  
box-shadow:4px 4px 4px 4px rgb(239, 170,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9816, 51.9043, 69.7025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 170, 213) }
```

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

```
.background{ background-color: rgb(239,  
170, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor