

Converting Colors

XYZ(61.6079, 51.7813, 69.6985)

Have a look what the booklet for
XYZ(61.6079, 51.7813, 69.6985)
contains.

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Color

**XYZ(61.6449, 51.7307,
69.6868)**

Conversions

Conversions Part 1

Format	Color
Hex	EEAAD5
RGB	238, 170, 213
RGB Percent	93%, 67%, 84%
CMY	0.0667, 0.3333, 0.1647
CMYK	0.00, 0.29, 0.11, 0.07
HSL	322°, 67%, 80%
HSV	322°, 29%, 93%
XYZ	61.6449, 51.7307, 69.6868
YIQ	195.2340, 26.7250, 27.7890

Conversions

Conversions Part 2

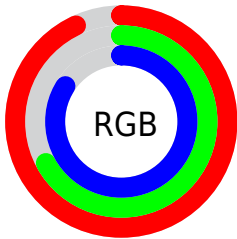
Format	Color
R _Y B	238, 170, 213
Decimal	15641301
CIE Lab	77.12, 31.43, -11.81
CIE LCh	77, 33.569, 339.411
Yxy	51.7307, 0.3367, 0.2826
Android (android.graphics.Color)	4293831381 (0xFFEEAAD5)
YUV	195.2340, 8.7586, 37.5058
Hunter-Lab	71.9241, 27.1222, -7.0989

Details

The XYZ color **61.6449, 51.7307, 69.6868** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.0046, 73.6368, 62.8420**, and the grayscale version is **51.9508, 54.6563, 59.5207**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **31.5889, 25.0150, 35.5112** is the 20% darker color. If you saturate the color by 10%, you get **56.5000, 43.1702, 62.6392**, and if you desaturate by 10%, it is **67.6604, 61.9351, 77.3215**.

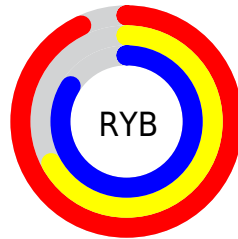
Distribution



Red (93%)

Green (67%)

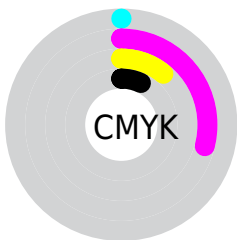
Blue (84%)



Red (93%)

Yellow (67%)

Blue (84%)

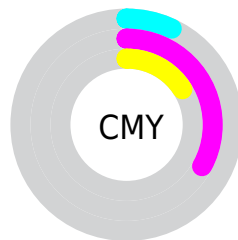


Cyan (0%)

Magenta (29%)

Yellow (11%)

Black (7%)



Cyan (7%)


Magenta (33%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6449, 51.7307, 69.6868 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 61.6449, 51.7307, 69.6868 by changing the saturation by 10% instead.


 61.6449, 51.7307,
69.6868

 61.6449, 51.7307,
69.6868


420.3728,
393.3961, 478.2089

 45.0003, 36.7905,
50.7960

 106.3050, 92.7340,
120.4389

 31.6590, 25.0453,
35.6707


135.0512,
119.5658, 153.1373

 21.2554, 16.1108,
23.8923


168.5621,
151.1302, 191.2754

 13.4244, 9.6026,
15.0423

207.2029,
187.8117, 235.2716

 7.8004, 5.1363,
8.7021

251.3390,
229.9947, 285.5445

 4.0182, 2.3274,
4.4532

301.3358,

 1.7125, 0.7882,

278.0635, 342.5127

1.8771

357.5586,
332.4025, 406.5946

■ 0.4640, 0.0000,
0.4781

■ 0.0000, 0.0000,
0.0000

■ 61.6449, 51.7307,
69.6868

■ 61.6449, 51.7307,
69.6868

■ 56.5000, 43.1702,
62.6392

■ 67.6604, 61.9351,
77.3215

■ 52.1766, 36.1589,
56.1559

■ 74.5832, 73.8574,
85.5583

■ 48.6276, 30.6035,
50.2172

■ 82.4533, 87.5755,
94.4155

■ 45.7989, 26.3974,
44.8001

■ 87.9641, 96.4749,
102.7952

■ 43.6291, 23.4193,
39.8792

■ 89.0703, 96.9173,
108.6202

■ 42.0457, 21.5261,
35.4252

■ 40.9440, 20.5100,
31.3979

■ 40.8052, 20.3953,
30.8495

Harmonies

Analogous

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



57.4239, 51.7307, 88.2706



61.6449, 51.7307, 69.6868



62.3709, 51.7307, 50.7442

Triad

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



61.6449, 51.7307, 69.6868



47.1788, 51.7307, 28.1657



40.2396, 51.7307, 81.8662

Complementary

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



61.6449, 51.7307, 69.6868



57.0046, 73.6368, 62.8420

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.



37.9744, 51.7307, 62.3027



61.6449, 51.7307, 69.6868



41.7448, 51.7307, 33.2008

Square

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



61.6449, 51.7307, 69.6868



53.6357, 51.7307, 29.3029



38.5004, 51.7307, 44.7923



44.9564, 51.7307, 96.2965

Rectangle

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



61.6449, 51.7307, 69.6868



60.7172, 51.7307, 40.6964



38.5004, 51.7307, 44.7923



39.1857, 51.7307, 75.5183

Sweetspot

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



61.6464, 51.7330, 69.6879



86.8316, 85.6898, 99.6049



52.2980, 46.5184, 87.1123



18.3195, 17.8807, 21.0099



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.



61.6464, 51.7330, 69.6879



68.6339, 54.7105, 76.8417



57.7800, 50.1865, 49.3275



16.1934, 15.9271, 18.5745



22.8294, 11.4042, 17.5501



1.9469, 0.9678, 1.7114

Inverse Universe

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



61.6464, 51.7330, 69.6879



68.6339, 54.7105, 76.8417



61.2874, 75.3499, 85.3950



16.1934, 15.9271, 18.5745



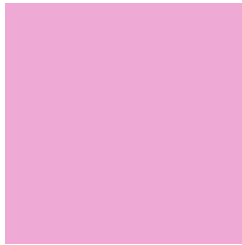
22.8294, 11.4042, 17.5501



1.9469, 0.9678, 1.7114

Previews

White Background



This preview shows how the XYZ color 61.6449, 51.7307, 69.6868 looks on a white background.

Color Contrast Check

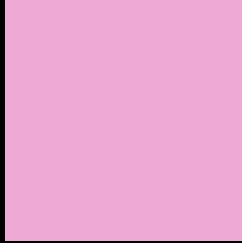
Large Text (above 18pt) WCAG AA × Fail

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 61.6449, 51.7307, 69.6868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

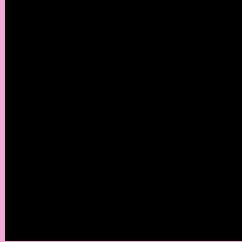
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6449, 51.7307, 69.6868

Background



This preview shows how black text looks on a background with the XYZ color 61.6449, 51.7307, 69.6868.



This preview shows how white text looks on a background with the XYZ color 61.6449, 51.7307,

69.6868.

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

61.6449, 51.7307, 69.6868

Protanopia

51.5554, 52.0218, 78.5581

Deuteranopia

53.0112, 52.0503, 68.2255



Tritanopia

58.4741, 51.5651, 54.4481

Trichromacy



Original Color

61.6449, 51.7307, 69.6868



Protanomaly

54.6809, 51.5137, 75.4678



Deuteranomaly

55.8107, 51.6418, 68.6543



Tritanomaly

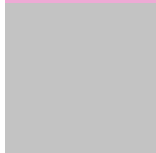
59.6137, 51.7512, 59.6703

Monochromacy



Original Color

61.6449, 51.7307, 69.6868



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.0835, 53.2310, 63.2485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6449, 51.7307, 69.6868 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(238, 170, 213)` looks like.

```
.text, #text, p{  
    color:rgb(238, 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(238, 170, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 170, 213) }
```

Border

The CSS property to change the border of an element to XYZ 61.6449, 51.7307, 69.6868 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(238, 170, 213) }
```


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

```
.border{ border-color:rgb(238, 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(238, 170, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 170, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 170, 213);  
box-shadow:4px 4px 4px 4px rgb(238, 170,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6449, 51.7307, 69.6868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 170, 213) }
```

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

```
.background{ background-color: rgb(238,  
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](#).

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