

Converting Colors

XYZ(61.0927, 60.5438, 69.5697)

Have a look what the booklet for
XYZ(61.0927, 60.5438, 69.5697)
contains.

XYZ(60.9697, 60.4054, 69.4187)	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(60.9697, 60.4054,
69.4187)**

Conversions

Conversions Part 1

Format	Color
Hex	DAC7D2
RGB	218, 199, 210
RGB Percent	85%, 78%, 82%
CMY	0.1451, 0.2196, 0.1765
CMYK	0.00, 0.09, 0.04, 0.15
HSL	325°, 20%, 82%
HSV	325°, 9%, 85%
XYZ	60.9697, 60.4054, 69.4187
YIQ	205.9350, 7.7930, 7.4490

Conversions

Conversions Part 2

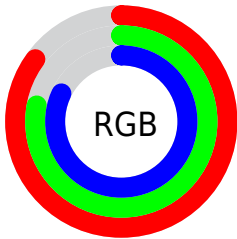
Format	Color
R _Y B	218, 199, 210
Decimal	14338002
CIE Lab	82.06, 8.55, -3.07
CIE LCh	82, 9.086, 340.258
Yxy	60.4054, 0.3196, 0.3166
Android (android.graphics.Color)	4292528082 (0xFFDAC7D2)
YUV	205.9350, 2.0040, 10.5810
Hunter-Lab	77.7209, 4.0162, 1.4480

Details

The XYZ color **60.9697, 60.4054, 69.4187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8894, 66.7915, 68.7702**, and the grayscale version is **58.6102, 61.6625, 67.1504**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.2304, 30.4376, 35.6815** is the 20% darker color. If you saturate the color by 10%, you get **55.1980, 50.6395, 62.0129**, and if you desaturate by 10%, it is **67.5290, 71.6398, 77.4123**.

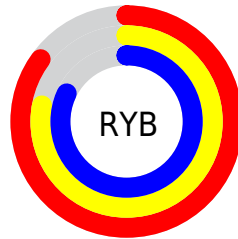
Distribution



Red (85%)

Green (78%)

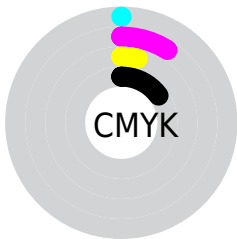
Blue (82%)



Red (85%)

Yellow (78%)

Blue (82%)

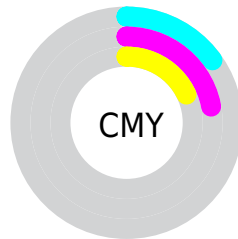


Cyan (0%)

Magenta (9%)

Yellow (4%)

Black (15%)



Cyan (15%)

Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9697, 60.4054, 69.4187 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 60.9697, 60.4054, 69.4187 by changing the saturation by 10% instead.

60.9697, 60.4054,
69.4187

60.9697, 60.4054,
69.4187

417.9406,
426.0905, 477.2402

44.4532, 43.7455,
50.5789

105.3334,
105.4175, 120.0527

31.2264, 30.4705,
35.4992

133.9113,
134.5385, 152.6841

20.9239, 20.1960,
23.7610

167.2404,
168.5820, 190.7496

13.1806, 12.5376,
14.9459

205.6860,
207.9324, 234.6680

7.6309, 7.1109,
8.6352

249.6134,
252.9740, 284.8577

3.9095, 3.5316,
4.4105

299.3881,

1.6510, 1.4151,

304.0913, 341.7373

1.8531

355.3754,
361.6686, 405.7252

■ 0.4253, 0.2278,
0.4627

■ 0.0000, 0.0000,
0.0000

■ 60.9697, 60.4054,
69.4187

■ 60.9697, 60.4054,
69.4187

■ 55.1980, 50.6395,
62.0129

■ 67.5290, 71.6398,
77.4123

■ 50.1772, 42.2731,
55.1751

■ 74.9005, 84.3925,
86.0049

■ 45.8754, 35.2432,
48.8898

■ 80.0394, 92.5719,
94.1875

■ 42.2562, 29.4788,
43.1393

■ 81.4198, 93.1240,
101.4563

■ 39.2800, 24.9026,
37.9045

■ 82.7238, 93.6456,
108.3231

■ 36.9027, 21.4284,
33.1648

■ 35.0744, 18.9585,
28.8973

■ 33.7365, 17.3775,
25.0760

■ 32.7995, 16.5086,
21.6646

Harmonies

Analogous

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



59.8398, 60.4054, 74.2005



60.9697, 60.4054, 69.4187



61.1348, 60.4054, 63.9007

Triad

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



60.9697, 60.4054, 69.4187



56.7566, 60.4054, 55.8783



54.6339, 60.4054, 72.8650

Complementary

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



60.9697, 60.4054, 69.4187



59.8894, 66.7915, 68.7702

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.



53.8464, 60.4054, 67.6778



60.9697, 60.4054, 69.4187



55.0537, 60.4054, 58.0058

Square

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



60.9697, 60.4054, 69.4187



58.6734, 60.4054, 56.2863



53.9984, 60.4054, 62.2538



56.1718, 60.4054, 76.2659

Rectangle

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



60.9697, 60.4054, 69.4187



60.6716, 60.4054, 60.5710



53.9984, 60.4054, 62.2538



54.2742, 60.4054, 71.2608

Sweetspot

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



60.9714, 60.4080, 69.4200



92.1435, 95.0100, 105.3937



58.7895, 59.1651, 74.6520



19.5600, 20.0577, 22.3608



0.0000, 0.0000, 0.0000



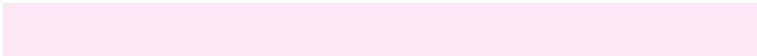
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.9714, 60.4080, 69.4200



85.7667, 84.1233, 97.5130



59.8326, 59.9525, 63.4231



13.3705, 13.1773, 15.2121



19.6406, 9.8573, 13.0195



1.3151, 0.6557, 1.0683

Inverse Universe

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



60.9714, 60.4080, 69.4200



85.7667, 84.1233, 97.5130



61.0751, 67.2658, 75.0142



13.3705, 13.1773, 15.2121



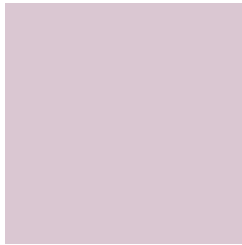
19.6406, 9.8573, 13.0195



1.3151, 0.6557, 1.0683

Previews

White Background



This preview shows how the XYZ color 60.9697, 60.4054, 69.4187 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 60.9697, 60.4054, 69.4187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

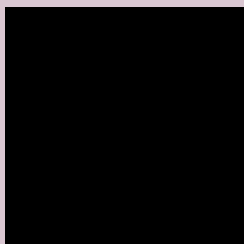
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9697, 60.4054, 69.4187

Background



This preview shows how black text looks on a background with the XYZ color 60.9697, 60.4054, 69.4187.



This preview shows how white text looks on a background with the XYZ color 60.9697, 60.4054,

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

60.9697, 60.4054, 69.4187

Protanopia

58.4164, 60.4445, 70.8754

Deuteranopia

61.6457, 60.4135, 69.3847



Tritanopia

61.5451, 60.3033, 72.0142

Trichromacy



Original Color

60.9697, 60.4054, 69.4187

Protanomaly

59.4567, 60.6458, 70.2001

Deuteranomaly

61.3421, 60.2570, 69.3704

Tritanomaly

61.4177, 60.2523, 71.3436

Monochromacy



Original Color

60.9697, 60.4054, 69.4187

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.1968, 60.9185, 67.6699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9697, 60.4054, 69.4187 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(218, 199, 210) looks like.

```
.text, #text, p{  
    color:rgb(218, 199, 210)  
}
```

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(218, 199, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 199, 210) }
```

Border

The CSS property to change the border of an element to XYZ 60.9697, 60.4054, 69.4187 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(218, 199, 210) }
```


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

```
.border{ border-color:rgb(218, 199, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 199, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 199, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 199, 210);  
box-shadow:4px 4px 4px 4px rgb(218, 199,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9697, 60.4054, 69.4187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 199, 210) }
```

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

```
.background{ background-color: rgb(218,  
199, 210) }
```

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