

Converting Colors

XYZ(57.6623, 60.3679, 49.8223)

Have a look what the booklet for
XYZ(57.6623, 60.3679, 49.8223)
contains.

XYZ(57.8077, 60.5982, 49.7241)	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(57.8077, 60.5982,
49.7241)**

Conversions

Conversions Part 1

Format	Color
Hex	D9CBB0
RGB	217, 203, 176
RGB Percent	85%, 80%, 69%
CMY	0.1490, 0.2039, 0.3098
CMYK	0.00, 0.06, 0.19, 0.15
HSL	40°, 35%, 77%
HSV	40°, 19%, 85%
XYZ	57.8077, 60.5982, 49.7241
YIQ	204.1080, 17.0110, -5.4290

Conversions

Conversions Part 2

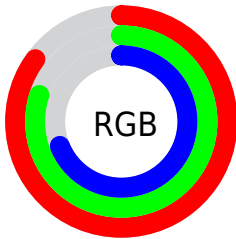
Format	Color
RYB	197, 217, 176
Decimal	14273456
CIELab	82.16, 0.52, 15.23
CIELCh	82, 15.238, 88.060
Yxy	60.5982, 0.3438, 0.3604
Android (android.graphics.Color)	4292463536 (0xFFD9CBB0)
YUV	204.1080, -13.8572, 11.3063
Hunter-Lab	77.8448, -3.6741, 16.6194

Details

The XYZ color **57.8077, 60.5982, 49.7241** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.8421, 51.0656, 72.9285**, and the grayscale version is **57.5415, 60.5381, 65.9260**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **29.2229, 30.6063, 23.1063** is the 20% darker color. If you saturate the color by 10%, you get **54.1227, 56.3937, 38.7362**, and if you desaturate by 10%, it is **61.9228, 65.1126, 62.5501**.

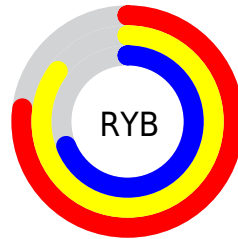
Distribution



Red (85%)

Green (80%)

Blue (69%)



Red (77%)

Yellow (85%)

Blue (69%)

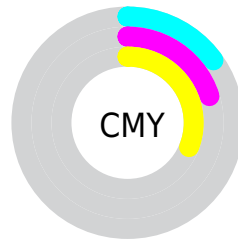


Cyan (0%)

Magenta (6%)

Yellow (19%)

Black (15%)



Cyan (15%)

Magenta (20%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8077, 60.5982, 49.7241 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 57.8077, 60.5982, 49.7241 by changing the saturation by 10% instead.

■ 57.8077, 60.5982,
49.7241

■ 57.8077, 60.5982,
49.7241

406.4344,
426.7992, 402.2901

■ 41.8967, 43.9010,
34.8246

■ 100.7673,
105.6969, 91.1580

■ 29.2112, 30.5927,
23.2453

128.5467,
134.8673, 118.5296

■ 19.3857, 20.2889,
14.5677

161.0130,
168.9641, 150.8955

■ 12.0550, 12.6052,
8.3733

198.5314,
208.3718, 188.6743

■ 6.8536, 7.1573,
4.2436

241.4674,
253.4747, 232.2847

■ 3.4162, 3.5606,
1.7599

290.1864,

■ 1.3775, 1.4310,

304.6574, 282.1451

0.4013

345.0536,
362.3041, 338.6741

■ 0.2401, 0.2394,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8077, 60.5982,
49.7241

■ 57.8077, 60.5982,
49.7241

■ 54.1227, 56.3937,
38.7362

■ 61.9228, 65.1126,
62.5501

■ 50.8456, 52.4822,
29.4964

■ 66.4794, 69.9371,
77.2908

■ 47.9591, 48.8570,
21.9131

■ 71.4947, 75.0824,
94.0230

■ 45.4428, 45.5079,
15.8844

■ 75.7012, 80.0432,
106.0678

43.2742, 42.4241,
11.2972

77.8381, 84.3170,
106.7800

41.4275, 39.5931,
8.0230

80.0640, 88.7688,
107.5220

39.8727, 37.0009,
5.9100

82.3800, 93.4008,
108.2940

38.5635, 34.6268,
4.7201

82.4255, 93.4918,
108.3092

38.4269, 34.3747,
4.6097

Harmonies

Analogous

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



60.9520, 60.5982, 51.9835



57.8077, 60.5982, 49.7241



54.7189, 60.5982, 51.4705

Triad

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



57.8077, 60.5982, 49.7241



52.2780, 60.5982, 74.7246



63.0406, 60.5982, 75.8657

Complementary

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



57.8077, 60.5982, 49.7241



48.8421, 51.0656, 72.9285

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.



60.5739, 60.5982, 82.9909



57.8077, 60.5982, 49.7241



54.3670, 60.5982, 82.2898

Square

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



57.8077, 60.5982, 49.7241



51.5986, 60.5982, 65.3796



57.3864, 60.5982, 85.4437



64.0427, 60.5982, 66.5863

Rectangle

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



57.8077, 60.5982, 49.7241



53.0908, 60.5982, 54.7722



57.3864, 60.5982, 85.4437



62.3508, 60.5982, 78.6236

Sweetspot

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



57.8093, 60.6009, 49.7254



91.0401, 95.7663, 95.8910



53.4738, 49.5362, 55.6598



19.3960, 20.4014, 20.2348



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.



57.8093, 60.6009, 49.7254



80.9462, 84.6664, 64.5096



59.4709, 66.5875, 50.7933



13.7685, 14.4763, 13.7941



23.3631, 21.0118, 2.8243



1.5924, 1.5188, 0.2092

Inverse Universe

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



48.8421, 51.0656, 72.9285



65.5570, 68.3045, 104.3366



47.3773, 46.0246, 72.0327



12.7002, 13.3402, 16.5577



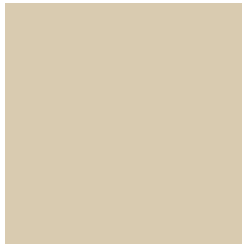
9.1554, 6.1802, 40.4488



0.6716, 0.5573, 2.6466

Previews

White Background



This preview shows how the XYZ color 57.8077, 60.5982, 49.7241 looks on a white background.

Color Contrast Check

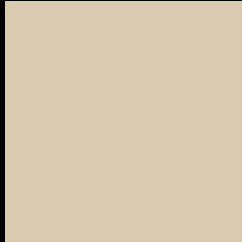
Large Text (above 18pt) WCAG AA × Fail

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 57.8077, 60.5982, 49.7241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

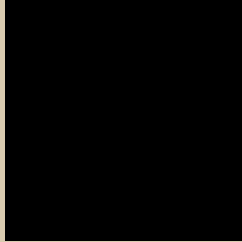
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8077, 60.5982, 49.7241

Background



This preview shows how black text looks on a background with the XYZ color 57.8077, 60.5982, 49.7241.



This preview shows how white text looks on a background with the XYZ color 57.8077, 60.5982,

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

57.8077, 60.5982, 49.7241

Protanopia

57.1609, 60.6165, 49.7617

Deuteranopia

61.8337, 60.5993, 50.0328



Tritanopia

62.3285, 60.7219, 71.3862

Trichromacy



Original Color

57.8077, 60.5982, 49.7241

Protanomaly

57.4537, 60.7674, 49.7754

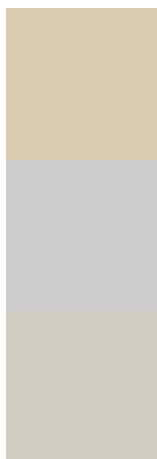
Deuteranomaly

60.3541, 60.5152, 50.0946

Tritanomaly

60.5948, 60.6943, 63.1651

Monochromacy



Original Color

57.8077, 60.5982, 49.7241

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.6250, 60.6361, 59.7057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8077, 60.5982, 49.7241 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(217, 203, 176)` looks like.

```
.text, #text, p{  
    color:rgb(217, 203, 176)  
}
```

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(217, 203, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 203, 176) }
```

Border

The CSS property to change the border of an element to XYZ 57.8077, 60.5982, 49.7241 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(217, 203, 176) }
```


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

```
.border{ border-color:rgb(217, 203, 176) }
```

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

Here you see how a box with a 4 pixel rgb(217, 203, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 203, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 203, 176);  
box-shadow:4px 4px 4px 4px rgb(217, 203,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8077, 60.5982, 49.7241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 203, 176) }
```

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

```
.background{ background-color: rgb(217,  
203, 176) }
```

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