

Converting Colors

XYZ(58.2006, 61.4549, 57.5893)

Have a look what the booklet for
XYZ(58.2006, 61.4549, 57.5893)
contains.

XYZ(57.9896, 61.2292, 57.4772)	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(57.9896, 61.2292,
57.4772)**

Conversions

Conversions Part 1

Format	Color
Hex	D3CDBE
RGB	211, 205, 190
RGB Percent	83%, 80%, 75%
CMY	0.1725, 0.1961, 0.2549
CMYK	0.00, 0.03, 0.10, 0.17
HSL	43°, 19%, 79%
HSV	43°, 10%, 83%
XYZ	57.9896, 61.2292, 57.4772
YIQ	205.0840, 8.3910, -3.3930

Conversions

Conversions Part 2

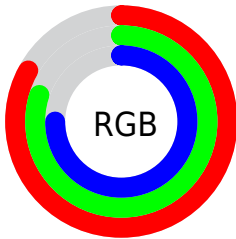
Format	Color
RYB	198, 211, 190
Decimal	13880766
CIELab	82.50, -0.50, 8.19
CIElCh	83, 8.209, 93.519
Yxy	61.2292, 0.3282, 0.3465
Android (android.graphics.Color)	4292070846 (0xFFD3CDBE)
YUV	205.0840, -7.4364, 5.1883
Hunter-Lab	78.2491, -4.6514, 11.2234

Details

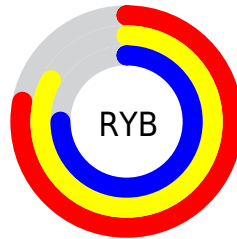
The XYZ color **57.9896, 61.2292, 57.4772** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.7330, 55.1294, 69.4906**, and the grayscale version is **58.1253, 61.1523, 66.5948**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **29.2923, 31.0073, 28.1080** is the 20% darker color. If you saturate the color by 10%, you get **54.4354, 57.5476, 45.7263**, and if you desaturate by 10%, it is **61.9366, 65.1607, 71.0077**.

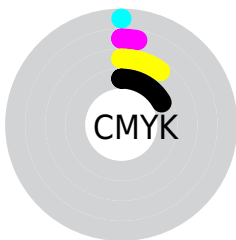
Distribution



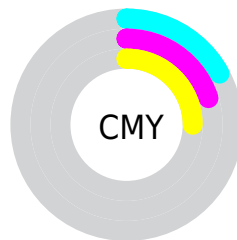
- Red (83%)
- Green (80%)
- Blue (75%)



- Red (78%)
- Yellow (83%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9896, 61.2292, 57.4772 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 57.9896, 61.2292, 57.4772 by changing the saturation by 10% instead.

■ 57.9896, 61.2292,
57.4772

■ 57.9896, 61.2292,
57.4772

407.1017,
429.1139, 432.7788

■ 42.0435, 44.4102,
40.9766

■ 101.0308,
106.6107, 102.6684

■ 29.3266, 30.9931,
27.9812

128.8566,
135.9420, 132.1960

■ 19.4736, 20.5936,
18.0726

161.3730,
170.2128, 166.9031

■ 12.1190, 12.8273,
10.8321

198.9453,
209.8076, 207.2082

■ 6.8975, 7.3097,
5.8413

241.9390,
255.1107, 253.5297

■ 3.4439, 3.6565,
2.6816

290.7194,

■ 1.3926, 1.4833,

306.5065, 306.2863

0.9341

345.6519,
364.3794, 365.8965

■ 0.2509, 0.2770,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9896, 61.2292,
57.4772

■ 57.9896, 61.2292,
57.4772

■ 54.4354, 57.5476,
45.7263

■ 61.9366, 65.1607,
71.0077

■ 51.2540, 54.1010,
35.6757

■ 66.2855, 69.3407,
86.3847

■ 48.4312, 50.8847,
27.2458

■ 71.0511, 73.7781,
103.6766

■ 45.9498, 47.8907,
20.3491

■ 72.9626, 77.1656,
105.6567

43.7910, 45.1105,
14.8899

74.6598, 80.5599,
106.2224

41.9339, 42.5347,
10.7614

76.4153, 84.0711,
106.8076

40.3548, 40.1527,
7.8421

78.2300, 87.7003,
107.4124

39.0257, 37.9523,
5.9879

80.1041, 91.4486,
108.0372

37.8963, 35.9121,
4.9373

80.6743, 92.5891,
108.2272

Harmonies

Analogous

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



59.7147, 61.2292, 58.3842



57.9896, 61.2292, 57.4772



56.3524, 61.2292, 58.9290

Triad

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



57.9896, 61.2292, 57.4772



55.4274, 61.2292, 72.1503



61.2705, 61.2292, 71.0725

Complementary

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



57.9896, 61.2292, 57.4772



52.7330, 55.1294, 69.4906

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.



60.0805, 61.2292, 75.0570



57.9896, 61.2292, 57.4772



56.7043, 61.2292, 75.7009

Square

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



57.9896, 61.2292, 57.4772



54.8920, 61.2292, 67.2633



58.4039, 61.2292, 76.7902



61.6311, 61.2292, 66.0766

Rectangle

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



57.9896, 61.2292, 57.4772



55.5244, 61.2292, 61.0840



58.4039, 61.2292, 76.7902



60.9530, 61.2292, 72.5827

Sweetspot

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



57.9913, 61.2319, 57.4785



93.1497, 98.1312, 102.3108



55.2763, 54.6759, 60.0447



19.8312, 20.8985, 21.5312



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.



57.9913, 61.2319, 57.4785



87.7846, 92.7349, 84.0787



58.2656, 63.5437, 57.9103



12.5063, 13.2033, 12.5014



22.9582, 21.8495, 3.0073



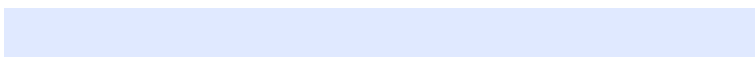
1.3495, 1.3534, 0.1901

Inverse Universe

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



52.7330, 55.1294, 69.4906



78.0924, 81.4870, 106.2204



52.4717, 53.0268, 69.0985



11.4347, 11.9596, 14.9494



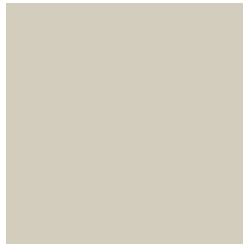
8.1551, 4.9568, 37.7194



0.5240, 0.4132, 2.1317

Previews

White Background



This preview shows how the XYZ color 57.9896, 61.2292, 57.4772 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 57.9896, 61.2292, 57.4772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

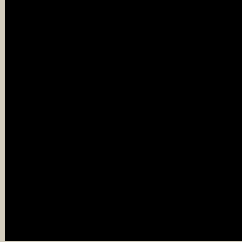
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

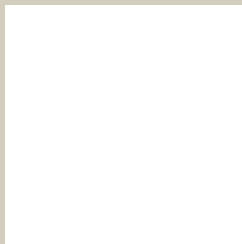
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9896, 61.2292, 57.4772

Background



This preview shows how black text looks on a background with the XYZ color 57.9896, 61.2292, 57.4772.



This preview shows how white text looks on a background with the XYZ color 57.9896, 61.2292,

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

57.9896, 61.2292, 57.4772

Protanopia

58.5662, 61.5265, 57.5042

Deuteranopia

62.2312, 60.9727, 57.7792



Tritanopia

61.4354, 61.2301, 74.2262

Trichromacy



Original Color

57.9896, 61.2292, 57.4772

Protanomaly

58.2770, 61.3774, 57.4907

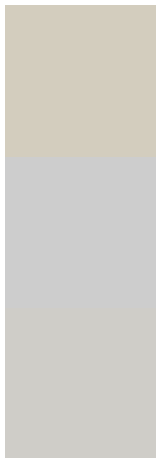
Deuteranomaly

60.7220, 61.2229, 57.9070

Tritanomaly

60.1146, 61.0422, 67.6454

Monochromacy



Original Color

57.9896, 61.2292, 57.4772

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.9888, 61.0982, 63.3804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9896, 61.2292, 57.4772 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(211, 205, 190) looks like.

```
.text, #text, p{  
    color:rgb(211, 205, 190)  
}
```

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(211, 205, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 205, 190) }
```

Border

The CSS property to change the border of an element to XYZ 57.9896, 61.2292, 57.4772 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(211, 205, 190) }
```


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

```
.border{ border-color:rgb(211, 205, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 205, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 205, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 205, 190);  
box-shadow:4px 4px 4px 4px rgb(211, 205,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9896, 61.2292, 57.4772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 205, 190) }
```

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

```
.background{ background-color: rgb(211,  
205, 190) }
```

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