

Converting Colors

XYZ(57.7821, 62.1629, 57.5215)

Have a look what the booklet for
XYZ(57.7821, 62.1629, 57.5215)
contains.

XYZ(57.8626, 62.2394, 57.6789)	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(57.8626, 62.2394,
57.6789)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D0BE
RGB	208, 208, 190
RGB Percent	82%, 82%, 75%
CMY	0.1843, 0.1843, 0.2549
CMYK	0.00, 0.00, 0.09, 0.18
HSL	60°, 16%, 78%
HSV	60°, 9%, 82%
XYZ	57.8626, 62.2394, 57.6789
YIQ	205.9480, 5.7780, -5.5980

Conversions

Conversions Part 2

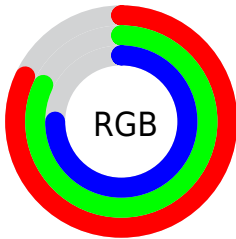
Format	Color
RYB	190, 208, 190
Decimal	13684926
CIELab	83.04, -3.14, 8.93
CIELCh	83, 9.468, 109.342
Yxy	62.2394, 0.3255, 0.3501
Android (android.graphics.Color)	4291875006 (0xFFD0D0BE)
YUV	205.9480, -7.8624, 1.7996
Hunter-Lab	78.8920, -7.1417, 11.8767

Details

The XYZ color **57.8626, 62.2394, 57.6789** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.0362, 52.3298, 67.0886**, and the grayscale version is **58.6806, 61.7365, 67.2311**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **29.3974, 31.7874, 28.2531** is the 20% darker color. If you saturate the color by 10%, you get **55.7488, 61.3958, 46.5474**, and if you desaturate by 10%, it is **60.3043, 63.2183, 70.5220**.

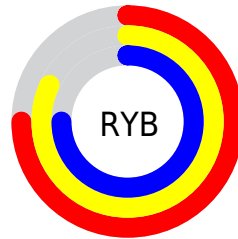
Distribution



Red (82%)

Green (82%)

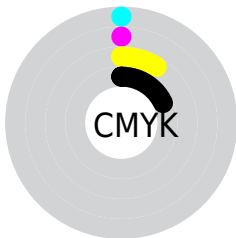
Blue (75%)



Red (75%)

Yellow (82%)

Blue (75%)

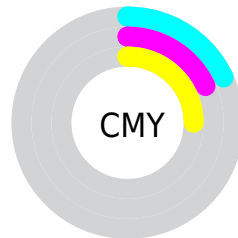


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (18%)



Cyan (18%)

Magenta (18%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8626, 62.2394, 57.6789 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 57.8626, 62.2394, 57.6789 by changing the saturation by 10% instead.

■ 57.8626, 62.2394,
57.6789

■ 57.8626, 62.2394,
57.6789

406.6359,
432.8038, 433.5532

■ 41.9410, 45.2262,
41.1376

■ 100.8469,
108.0715, 102.9653

■ 29.2460, 31.6356,
28.1061

128.6403,
137.6591, 132.5474

■ 19.4122, 21.0833,
18.1659

161.1217,
172.2069, 167.3135

■ 12.0743, 13.1849,
10.8985

198.6564,
212.0994, 207.6822

■ 6.8669, 7.5560,
5.8853

241.6098,
257.7210, 254.0719

■ 3.4246, 3.8122,
2.7078

290.3473,

■ 1.3821, 1.5691,

309.4560, 306.9013

0.9474

345.2342,
367.6888, 366.5889

■ 0.2434, 0.3366,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8626, 62.2394,
57.6789

■ 57.8626, 62.2394,
57.6789

■ 55.7488, 61.3958,
46.5474

■ 60.3043, 63.2183,
70.5220

■ 53.9442, 60.6738,
37.0515

■ 63.0817, 64.3294,
85.1403

■ 52.4358, 60.0703,
29.1154

■ 66.2086, 65.5803,
101.5994

■ 51.2078, 59.5789,
22.6556

■ 66.6253, 65.7471,
103.7867

■ 50.2428, 59.1927,
17.5811

■ 66.6266, 65.7478,
103.7867

■ 49.5217, 58.9041,
13.7908

■ 66.6280, 65.7485,
103.7868

■ 49.0226, 58.7043,
11.1696

■ 66.6293, 65.7492,
103.7869

■ 48.7198, 58.5831,
9.5822

■ 66.6307, 65.7499,
103.7869

■ 48.5731, 58.5242,
8.8165

■ 66.6320, 65.7506,
103.7870

Harmonies

Analogous

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



59.8876, 62.2394, 57.2830



57.8626, 62.2394, 57.6789



56.2208, 62.2394, 60.6860

Triad

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



57.8626, 62.2394, 57.6789



56.6292, 62.2394, 76.6841



63.1096, 62.2394, 69.8742

Complementary

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



57.8626, 62.2394, 57.6789



51.0362, 52.3298, 67.0886

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.



62.1931, 62.2394, 75.3809



57.8626, 62.2394, 57.6789



58.4318, 62.2394, 79.4605

Square

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



57.8626, 62.2394, 57.6789



55.5201, 62.2394, 71.5706



60.4699, 62.2394, 78.9702



62.9487, 62.2394, 64.1028

Rectangle

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



57.8626, 62.2394, 57.6789



55.5497, 62.2394, 63.8688



60.4699, 62.2394, 78.9702



62.9165, 62.2394, 71.8230

Sweetspot

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



57.8643, 62.2421, 57.6802



93.8419, 99.5167, 102.5418



53.7221, 53.9560, 56.2992



20.0187, 21.2737, 21.5937



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.



57.8643, 62.2421, 57.6802



91.2106, 98.4640, 88.6934



55.4057, 60.9746, 57.5652



12.8032, 13.7975, 12.6004



30.2622, 36.4697, 5.4444



1.6922, 2.0392, 0.3044

Inverse Universe

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



51.0362, 52.3298, 67.0886



78.6826, 80.2771, 105.9557



53.3537, 53.5245, 67.1971



11.1640, 11.4178, 14.8591



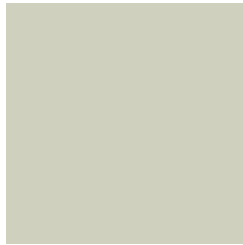
7.0964, 2.8386, 37.3664



0.3969, 0.1588, 2.0893

Previews

White Background



This preview shows how the XYZ color 57.8626, 62.2394, 57.6789 looks on a white background.

Color Contrast Check

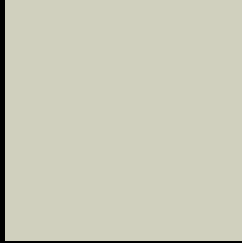
Large Text (above 18pt) WCAG AA × Fail

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 57.8626, 62.2394, 57.6789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

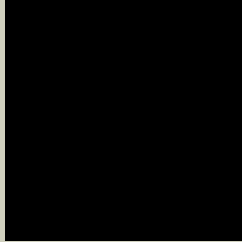
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

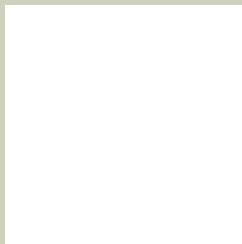
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8626, 62.2394, 57.6789

Background



This preview shows how black text looks on a background with the XYZ color 57.8626, 62.2394, 57.6789.



This preview shows how white text looks on a background with the XYZ color 57.8626, 62.2394,

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

57.8626, 62.2394, 57.6789

Protanopia

59.2809, 62.2638, 57.0378

Deuteranopia

63.2166, 61.8084, 58.4675



Tritanopia

61.6625, 62.3501, 76.4950

Trichromacy



Original Color

57.8626, 62.2394, 57.6789

Protanomaly

58.6495, 62.2968, 57.0774

Deuteranomaly

60.9559, 61.6906, 57.9850

Tritanomaly

60.2039, 62.1150, 69.1379

Monochromacy



Original Color

57.8626, 62.2394, 57.6789

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.4703, 62.0612, 63.5409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8626, 62.2394, 57.6789 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(208, 208, 190) looks like.

```
.text, #text, p{  
    color:rgb(208, 208, 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(208, 208, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 208, 190) }
```

Border

The CSS property to change the border of an element to XYZ 57.8626, 62.2394, 57.6789 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(208, 208, 190) }
```


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

```
.border{ border-color:rgb(208, 208, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 208, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 208, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 208, 190);  
box-shadow:4px 4px 4px 4px rgb(208, 208,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8626, 62.2394, 57.6789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 208, 190) }
```

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

```
.background{ background-color: rgb(208,  
208, 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