

Converting Colors

XYZ(57.1687, 58.8246, 51.0884)

Have a look what the booklet for
XYZ(57.1687, 58.8246, 51.0884)
contains.

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Color

**XYZ(57.1754, 58.8532,
50.9942)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C7B3
RGB	217, 199, 179
RGB Percent	85%, 78%, 70%
CMY	0.1490, 0.2196, 0.2980
CMYK	0.00, 0.08, 0.18, 0.15
HSL	32°, 33%, 78%
HSV	32°, 18%, 85%
XYZ	57.1754, 58.8532, 50.9942
YIQ	202.1020, 17.1480, -2.4040

Conversions

Conversions Part 2

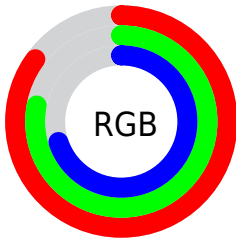
Format	Color
R _Y B	213, 217, 179
Decimal	14272435
CIE Lab	81.21, 3.07, 12.29
CIE LCh	81, 12.666, 75.988
Yxy	58.8532, 0.3423, 0.3524
Android (android.graphics.Color)	4292462515 (0xFFD9C7B3)
YUV	202.1020, -11.3893, 13.0655
Hunter-Lab	76.7158, -1.2188, 14.2901

Details

The XYZ color **57.1754, 58.8532, 50.9942** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.0809, 54.5249, 73.4783**, and the grayscale version is **56.2653, 59.1955, 64.4639**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **28.7916, 29.4385, 23.9034** is the 20% darker color. If you saturate the color by 10%, you get **52.8664, 53.4750, 39.5688**, and if you desaturate by 10%, it is **61.9928, 64.6942, 64.2944**.

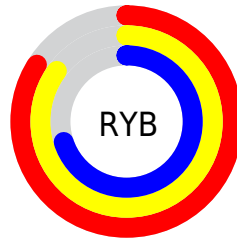
Distribution



Red (85%)

Green (78%)

Blue (70%)



Red (84%)

Yellow (85%)

Blue (70%)

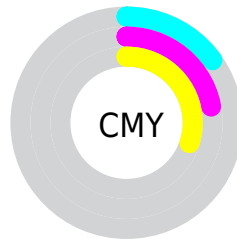


Cyan (0%)

Magenta (8%)

Yellow (18%)

Black (15%)



Cyan (15%)


Magenta (22%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1754, 58.8532, 50.9942 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 57.1754, 58.8532, 50.9942 by changing the saturation by 10% instead.


 57.1754, 58.8532,
50.9942

 57.1754, 58.8532,
50.9942


404.1098,
420.3577, 407.3872

 41.3868, 42.4950,
35.8273


 99.8510, 103.1643,
93.0576

 28.8104, 29.4891,
24.0122


127.4686,
131.8859, 120.7912

 19.0810, 19.4511,
15.1304


159.7599,
165.4974, 153.5508

 11.8332, 11.9967,
8.7633

197.0904,
204.3833, 191.7549

 6.7016, 6.7414,
4.4924

239.8252,
248.9278, 235.8220

 3.3208, 3.3009,
1.8992

288.3298,

 1.3256, 1.2908,

299.5155, 286.1707

0.4922

342.9696,
356.5306, 343.2196

■ 0.2023, 0.1340,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1754, 58.8532,
50.9942

■ 57.1754, 58.8532,
50.9942

■ 52.8664, 53.4750,
39.5688

■ 61.9928, 64.6942,
64.2944

■ 49.0416, 48.5390,
29.9285

■ 67.3318, 71.0023,
79.5460

■ 45.6822, 44.0345,
21.9820

■ 73.2111, 77.7917,
96.8257

■ 42.7656, 39.9472,
15.6280

■ 77.8586, 84.3579,
106.7869

■ 40.2676, 36.2618,
10.7545

■ 80.9720, 90.5848,
107.8247

■ 38.1605, 32.9615,
7.2347

■ 82.4255, 93.4918,
108.3092

■ 36.4127, 30.0279,
4.9198

■ 34.9822, 27.4378,
3.6074

■ 34.6593, 26.8393,
3.3538

Harmonies

Analogous

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



59.5372, 58.8532, 54.1907



57.1754, 58.8532, 50.9942



54.5526, 58.8532, 51.1056

Triad

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



57.1754, 58.8532, 50.9942



51.2022, 58.8532, 68.1664



59.6662, 58.8532, 74.7141

Complementary

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



57.1754, 58.8532, 50.9942



51.0809, 54.5249, 73.4783

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.



57.3470, 58.8532, 79.0857



57.1754, 58.8532, 50.9942



52.4873, 58.8532, 75.1072

Square

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



57.1754, 58.8532, 50.9942



51.1595, 58.8532, 60.6277



54.7190, 58.8532, 79.2349



61.0056, 58.8532, 67.6633

Rectangle

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



57.1754, 58.8532, 50.9942



53.0101, 58.8532, 53.0305



54.7190, 58.8532, 79.2349



58.9722, 58.8532, 76.5692

Sweetspot

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



57.1770, 58.8558, 50.9954



91.1685, 95.4136, 97.8130



54.8562, 51.0408, 60.0052



19.4004, 20.2875, 20.6150



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.



57.1770, 58.8558, 50.9954



80.0323, 81.8917, 67.1248



61.3775, 67.5358, 52.4495



13.6205, 14.1804, 13.7448



21.0874, 16.4603, 2.0657



1.4522, 1.2385, 0.1625

Inverse Universe

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



51.0809, 54.5249, 73.4783



69.6757, 74.5343, 105.3220



47.3824, 46.9102, 72.2034



12.8447, 13.6292, 16.6058



10.6078, 9.0851, 40.9329



0.7731, 0.7603, 2.6805

Previews

White Background



This preview shows how the XYZ color 57.1754, 58.8532, 50.9942 looks on a white background.

Color Contrast Check

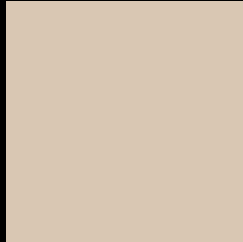
Large Text (above 18pt) WCAG AA × Fail

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 57.1754, 58.8532, 50.9942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

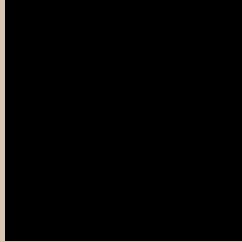
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1754, 58.8532, 50.9942

Background



This preview shows how black text looks on a background with the XYZ color 57.1754, 58.8532, 50.9942.



This preview shows how white text looks on a background with the XYZ color 57.1754, 58.8532,

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

57.1754, 58.8532, 50.9942

Protanopia

55.7032, 58.7702, 51.5879

Deuteranopia

59.8431, 58.5369, 51.3247



Tritanopia

60.9668, 59.0555, 69.1583

Trichromacy



Original Color

57.1754, 58.8532, 50.9942

Protanomaly

56.3331, 58.7500, 51.5508

Deuteranomaly

59.0295, 58.7827, 51.4150

Tritanomaly

59.5639, 58.8190, 62.2467

Monochromacy



Original Color

57.1754, 58.8532, 50.9942

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.3564, 58.9337, 59.4440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1754, 58.8532, 50.9942 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, 199, 179)` looks like.

```
.text, #text, p{  
    color:rgb(217, 199, 179)  
}
```

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, 199, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 199, 179) }
```

Border

The CSS property to change the border of an element to XYZ 57.1754, 58.8532, 50.9942 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, 199, 179) }
```


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

```
.border{ border-color:rgb(217, 199, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 199, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 199, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 199, 179);  
box-shadow:4px 4px 4px 4px rgb(217, 199,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1754, 58.8532, 50.9942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 199, 179) }
```

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

```
.background{ background-color: rgb(217,  
199, 179) }
```

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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