

Converting Colors

XYZ(58.1900, 63.9812, 53.7948)

Have a look what the booklet for
XYZ(58.1900, 63.9812, 53.7948)
contains.

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Color

**XYZ(57.9994, 63.8743,
53.5280)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D4B6
RGB	208, 212, 182
RGB Percent	82%, 83%, 71%
CMY	0.1843, 0.1686, 0.2863
CMYK	0.02, 0.00, 0.14, 0.17
HSL	68°, 26%, 77%
HSV	68°, 14%, 83%
XYZ	57.9994, 63.8743, 53.5280
YIQ	207.3840, 7.2460, -10.1780

Conversions

Conversions Part 2

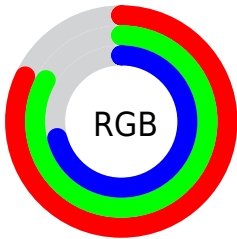
Format	Color
RYB	182, 212, 186
Decimal	13685942
CIELab	83.90, -6.51, 14.39
CIELCh	84, 15.797, 114.328
Yxy	63.8743, 0.3307, 0.3642
Android (android.graphics.Color)	4291876022 (0xFFD0D4B6)
YUV	207.3840, -12.5143, 0.5402
Hunter-Lab	79.9214, -10.3240, 16.2350

Details

The XYZ color **57.9994, 63.8743, 53.5280** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.8638, 48.6502, 69.1059**, and the grayscale version is **59.6322, 62.7377, 68.3214**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **29.1563, 32.4712, 25.4998** is the 20% darker color. If you saturate the color by 10%, you get **55.1844, 62.6593, 42.8122**, and if you desaturate by 10%, it is **61.1638, 65.2349, 65.9942**.

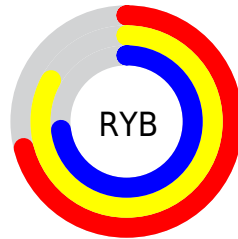
Distribution



Red (82%)

Green (83%)

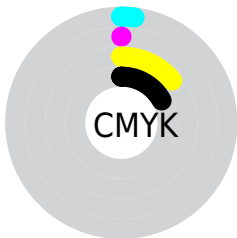
Blue (71%)



Red (71%)

Yellow (83%)

Blue (73%)

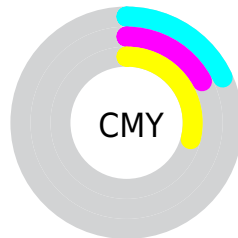


Cyan (2%)

Magenta (0%)

Yellow (14%)

Black (17%)



Cyan (18%)

Magenta (17%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9994, 63.8743, 53.5280 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 57.9994, 63.8743, 53.5280 by changing the saturation by 10% instead.

■ 57.9994, 63.8743,
53.5280

■ 57.9994, 63.8743,
53.5280

407.1376,
438.7356, 417.4312

■ 42.0514, 46.5489,
37.8338

■ 101.0450,
110.4299, 96.8303

■ 29.3328, 32.6792,
25.5529

128.8732,
140.4288, 125.2754

■ 19.4783, 21.8808,
16.2667

161.3924,
175.4211, 158.8080

■ 12.1224, 13.7693,
9.5567

198.9676,
215.7910, 197.8466

■ 6.8999, 7.9604,
5.0043

241.9644,
261.9230, 242.8096

■ 3.4454, 4.0696,
2.1910

290.7481,

■ 1.3934, 1.7126,

314.2015, 294.1157

0.6692

345.6841,
373.0109, 352.1834

■ 0.2515, 0.4318,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9994, 63.8743,
53.5280

■ 57.9994, 63.8743,
53.5280

■ 55.1844, 62.6593,
42.8122

■ 61.1638, 65.2349,
65.9942

■ 52.6987, 61.5756,
33.7646

■ 64.6865, 66.7384,
80.2801

■ 50.5279, 60.6194,
26.3021

■ 68.5823, 68.3927,
96.4562

■ 48.6546, 59.7839,
20.3332

■ 70.9044, 69.4193,
104.2699

■ 47.0596, 59.0613,
15.7569

■ 71.7646, 69.8627,
104.3102

■ 45.7212, 58.4429,
12.4600

■ 72.6394, 70.3137,
104.3511

■ 44.6145, 57.9188,
10.3111

■ 73.5289, 70.7722,
104.3928

■ 43.7091, 57.4767,
9.1511

■ 74.4330, 71.2383,
104.4351

■ 43.2424, 57.2441,
8.7701

■ 75.3519, 71.7120,
104.4781

Harmonies

Analogous

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



61.3734, 63.8743, 52.1909



57.9994, 63.8743, 53.5280



55.4427, 63.8743, 58.9753

Triad

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



57.9994, 63.8743, 53.5280



56.8969, 63.8743, 86.2808



67.6054, 63.8743, 71.4568

Complementary

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



57.9994, 63.8743, 53.5280



48.8638, 48.6502, 69.1059

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.



66.3020, 63.8743, 81.3149



57.9994, 63.8743, 53.5280



60.0526, 63.8743, 90.3815

Square

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



57.9994, 63.8743, 53.5280



54.8234, 63.8743, 77.7331



63.5050, 63.8743, 88.4830



67.0049, 63.8743, 61.9591

Rectangle

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



57.9994, 63.8743, 53.5280



54.5018, 63.8743, 64.5060



63.5050, 63.8743, 88.4830



67.3739, 63.8743, 74.8467

Sweetspot

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



58.0011, 63.8771, 53.5294



92.9518, 99.1031, 100.4559



53.1559, 52.4940, 51.5876



19.8132, 21.1769, 21.1727



0.0000, 0.0000, 0.0000



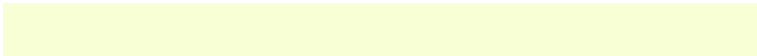
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0011, 63.8771, 53.5294



86.7428, 96.4349, 76.0981



53.9816, 61.8049, 53.3413



13.3022, 14.4320, 13.2453



26.7558, 35.3694, 5.4168



1.6600, 2.1571, 0.3289

Inverse Universe

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



48.8638, 48.6502, 69.1059



70.2511, 68.9508, 104.2139



52.7011, 50.6284, 69.2855



11.8952, 12.0874, 15.6437



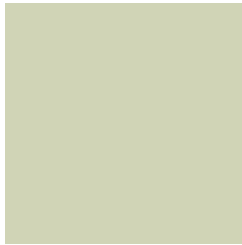
7.6853, 3.1144, 38.6492



0.5149, 0.2143, 2.3335

Previews

White Background



This preview shows how the XYZ color 57.9994, 63.8743, 53.5280 looks on a white background.

Color Contrast Check

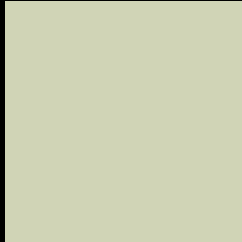
Large Text (above 18pt) WCAG AA × Fail

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 57.9994, 63.8743, 53.5280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

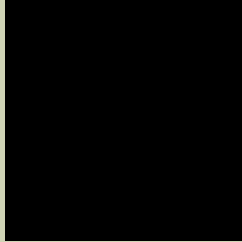
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

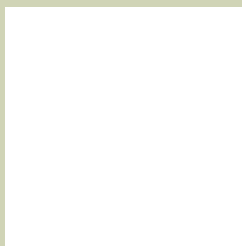
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9994, 63.8743, 53.5280

Background



This preview shows how black text looks on a background with the XYZ color 57.9994, 63.8743, 53.5280.



This preview shows how white text looks on a background with the XYZ color 57.9994, 63.8743,

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

57.9994, 63.8743, 53.5280

Protanopia

60.0075, 63.4671, 52.2677

Deuteranopia

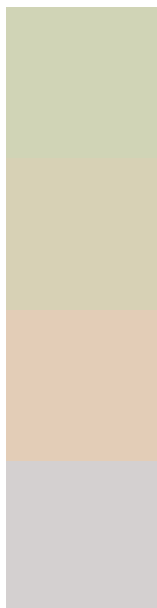
64.7983, 63.4111, 54.1717



Tritanopia

63.1221, 63.7665, 78.7933

Trichromacy



Original Color

57.9994, 63.8743, 53.5280

Protanomaly

59.1653, 63.3842, 52.8321

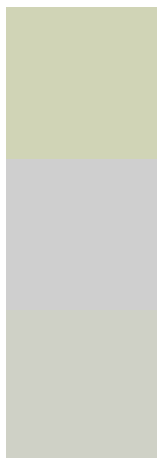
Deuteranomaly

62.0571, 63.4124, 53.7688

Tritanomaly

61.0924, 63.6629, 68.7428

Monochromacy



Original Color

57.9994, 63.8743, 53.5280

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.7256, 62.9435, 62.4802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9994, 63.8743, 53.5280 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, 212, 182) looks like.

```
.text, #text, p{  
    color:rgb(208, 212, 182)  
}
```

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, 212, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 212, 182) }
```

Border

The CSS property to change the border of an element to XYZ 57.9994, 63.8743, 53.5280 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, 212, 182) }
```


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

```
.border{ border-color:rgb(208, 212, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 212, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 212, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 212, 182);  
box-shadow:4px 4px 4px 4px rgb(208, 212,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9994, 63.8743, 53.5280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 212, 182) }
```

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

```
.background{ background-color: rgb(208,  
212, 182) }
```

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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