

Converting Colors

XYZ(55.7187, 58.5101, 52.9592)

Have a look what the booklet for
XYZ(55.7187, 58.5101, 52.9592)
contains.

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Color

**XYZ(55.7799, 58.4291,
53.1378)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C8B7
RGB	210, 200, 183
RGB Percent	82%, 78%, 72%
CMY	0.1765, 0.2157, 0.2823
CMYK	0.00, 0.05, 0.13, 0.18
HSL	38°, 23%, 77%
HSV	38°, 13%, 82%
XYZ	55.7799, 58.4291, 53.1378
YIQ	201.0520, 11.4170, -3.1670

Conversions

Conversions Part 2

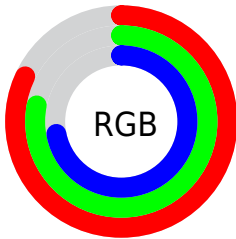
Format	Color
R _Y B	199, 210, 183
Decimal	13813943
CIE Lab	80.98, 0.61, 9.74
CIE LCh	81, 9.758, 86.397
Yxy	58.4291, 0.3333, 0.3491
Android (android.graphics.Color)	4292004023 (0xFFD2C8B7)
YUV	201.0520, -8.8996, 7.8474
Hunter-Lab	76.4389, -3.5110, 12.2908

Details

The XYZ color **55.7799, 58.4291, 53.1378** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.2312, 52.8594, 68.5288**, and the grayscale version is **55.5994, 58.4949, 63.7010**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **27.8257, 29.1380, 25.2767** is the 20% darker color. If you saturate the color by 10%, you get **52.0006, 54.1110, 41.8869**, and if you desaturate by 10%, it is **59.9801, 63.0660, 66.1395**.

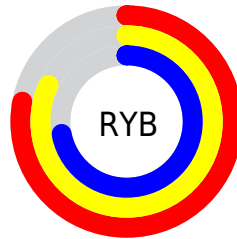
Distribution



Red (82%)

Green (78%)

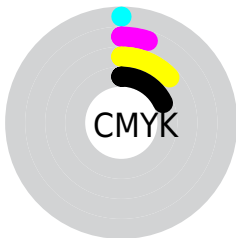
Blue (72%)



Red (78%)

Yellow (82%)

Blue (72%)

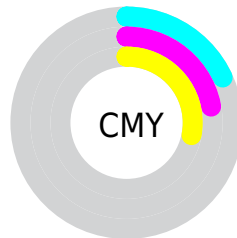


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (18%)



Cyan (18%)

Magenta (22%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7799, 58.4291, 53.1378 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 55.7799, 58.4291, 53.1378 by changing the saturation by 10% instead.

■ 55.7799, 58.4291,
53.1378

■ 55.7799, 58.4291,
53.1378

398.9500,
418.7830, 415.8949

■ 40.2628, 42.1537,
37.5243

■ 97.8244, 102.5475,
96.2507

■ 27.9286, 29.2217,
25.3147

125.0824,
131.1592, 124.5872

■ 18.4120, 19.2486,
16.0905

156.9849,
164.6519, 158.0018

■ 11.3477, 11.8500,
9.4332

193.8970,
203.4099, 196.9130

■ 6.3702, 6.6416,
4.9242

236.1843,
247.8176, 241.7394

■ 3.1143, 3.2390,
2.1449

284.2119,

■ 1.2145, 1.2578,

298.2594, 292.8994

0.6423

338.3454,
355.1198, 350.8118

■ 0.1177, 0.1081,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7799, 58.4291,
53.1378

■ 55.7799, 58.4291,
53.1378

■ 52.0006, 54.1110,
41.8869

■ 59.9801, 63.0660,
66.1395

■ 48.6217, 50.0955,
32.3066

■ 64.6114, 68.0219,
80.9596

■ 45.6281, 46.3763,
24.3164

■ 69.6892, 73.3072,
97.6670

■ 43.0013, 42.9437,
17.8272

■ 73.2337, 78.1319,
105.8289

■ 40.7217, 39.7876,
12.7414

■ 75.4596, 82.5838,
106.5709

■ 38.7669, 36.8966,
8.9496

■ 77.7835, 87.2316,
107.3455

■ 37.1116, 34.2583,
6.3257

■ 80.2065, 92.0775,
108.1531

■ 35.7257, 31.8580,
4.7182

■ 80.3886, 92.4418,
108.2139

■ 34.8643, 30.2732,
4.0058

Harmonies

Analogous

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



57.7155, 58.4291, 54.7859



55.7799, 58.4291, 53.1378



53.8239, 58.4291, 54.1547

Triad

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



55.7799, 58.4291, 53.1378



52.1237, 58.4291, 68.7009



58.8378, 58.4291, 69.9851

Complementary

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



55.7799, 58.4291, 53.1378



50.2312, 52.8594, 68.5288

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.



57.2822, 58.4291, 74.1272



55.7799, 58.4291, 53.1378



53.4103, 58.4291, 73.3547

Square

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



55.7799, 58.4291, 53.1378



51.7433, 58.4291, 62.9219



55.2910, 58.4291, 75.3959



59.5078, 58.4291, 64.3220

Rectangle

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



55.7799, 58.4291, 53.1378



52.7661, 58.4291, 56.2426



55.2910, 58.4291, 75.3959



58.3993, 58.4291, 71.6145

Sweetspot

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



55.7815, 58.4317, 53.1390



92.2580, 96.9746, 100.0817



53.1773, 51.4354, 57.7831



19.6372, 20.6367, 21.0777



0.0000, 0.0000, 0.0000



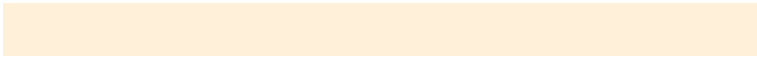
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7815, 58.4317, 53.1390



85.1395, 89.0720, 78.1806



57.2848, 62.7566, 53.8946



12.4202, 13.0311, 12.4727



21.3655, 18.6641, 2.4764



1.2692, 1.1927, 0.1633

Inverse Universe

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



50.2312, 52.8594, 68.5288



75.1420, 79.0355, 105.9027



48.8533, 48.9789, 67.8524



11.5170, 12.1243, 14.9769



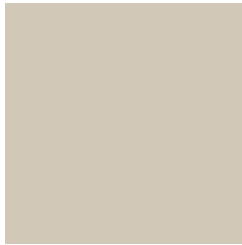
8.8353, 6.3173, 37.9462



0.5691, 0.5033, 2.1467

Previews

White Background



This preview shows how the XYZ color 55.7799, 58.4291, 53.1378 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 55.7799, 58.4291, 53.1378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

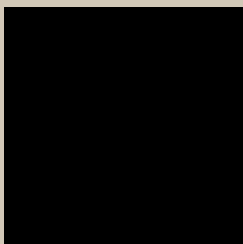
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

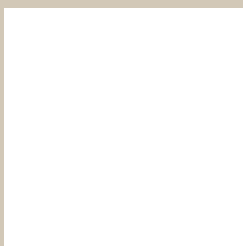
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7799, 58.4291, 53.1378

Background



This preview shows how black text looks on a background with the XYZ color 55.7799, 58.4291, 53.1378.

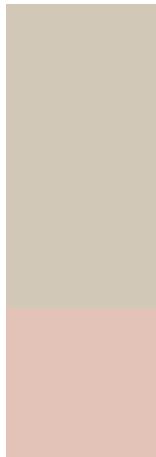


This preview shows how white text looks on a background with the XYZ color 55.7799, 58.4291,

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

55.7799, 58.4291, 53.1378

Protanopia

55.4960, 58.2828, 53.1245

Deuteranopia

59.6221, 58.3752, 53.4725



Tritanopia

59.2294, 58.4791, 69.7939

Trichromacy



Original Color

55.7799, 58.4291, 53.1378

Protanomaly

55.4960, 58.2828, 53.1245

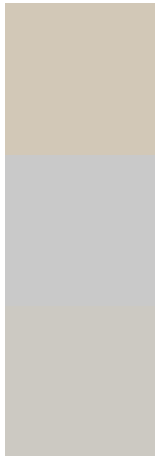
Deuteranomaly

58.2105, 58.3127, 53.5349

Tritanomaly

57.9494, 58.2957, 63.4563

Monochromacy



Original Color

55.7799, 58.4291, 53.1378

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.5261, 58.5057, 59.4051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7799, 58.4291, 53.1378 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(210, 200, 183) looks like.

```
.text, #text, p{  
    color:rgb(210, 200, 183)  
}
```

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(210, 200, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 200, 183) }
```

Border

The CSS property to change the border of an element to XYZ 55.7799, 58.4291, 53.1378 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(210, 200, 183) }
```


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

```
.border{ border-color:rgb(210, 200, 183) }
```

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

Here you see how a box with a 4 pixel rgb(210, 200, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 200, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 200, 183);  
box-shadow:4px 4px 4px 4px rgb(210, 200,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7799, 58.4291, 53.1378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 200, 183) }
```

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

```
.background{ background-color: rgb(210,  
200, 183) }
```

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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