

Converting Colors

XYZ(55.4928, 59.5627, 31.8126)

Have a look what the booklet for
XYZ(55.4928, 59.5627, 31.8126)
contains.

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Color

**XYZ(55.3833, 59.3908,
31.8371)**

Conversions

Conversions Part 1

Format	Color
Hex	DDCA88
RGB	221, 202, 136
RGB Percent	87%, 79%, 53%
CMY	0.1333, 0.2078, 0.4667
CMYK	0.00, 0.09, 0.38, 0.13
HSL	47°, 56%, 70%
HSV	47°, 38%, 87%
XYZ	55.3833, 59.3908, 31.8371
YIQ	200.1570, 32.5100, -16.4980

Conversions

Conversions Part 2

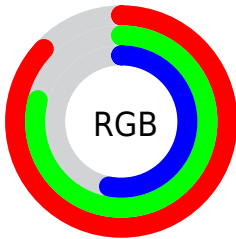
Format	Color
RYB	160, 221, 136
Decimal	14535304
CIELab	81.51, -2.66, 35.37
CIELCh	82, 35.468, 94.304
Yxy	59.3908, 0.3778, 0.4051
Android (android.graphics.Color)	4292725384 (0xFFDDCA88)
YUV	200.1570, -31.6294, 18.2793
Hunter-Lab	77.0654, -6.5849, 29.4520

Details

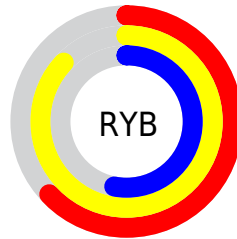
The XYZ color **55.3833, 59.3908, 31.8371** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.9256, 33.8964, 73.1086**, and the grayscale version is **55.1725, 58.0458, 63.2119**.

A 20% lighter version of the original color is **86.2943, 96.4977, 62.7929**, and **27.7466, 29.8350, 12.8907** is the 20% darker color. If you saturate the color by 10%, you get **52.8320, 56.5478, 24.0206**, and if you desaturate by 10%, it is **58.2985, 62.4430, 41.3739**.

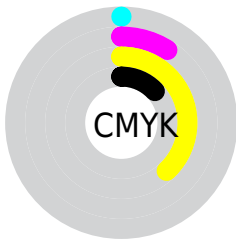
Distribution



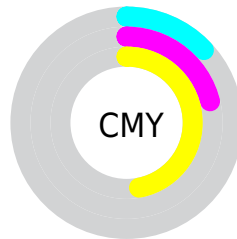
- Red (87%)
- Green (79%)
- Blue (53%)



- Red (63%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (9%)
- Yellow (38%)
- Black (13%)



- Cyan (13%)
- Magenta (21%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3833, 59.3908, 31.8371 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 55.3833, 59.3908, 31.8371 by changing the saturation by 10% instead.

■ 55.3833, 59.3908,
31.8371

■ 55.3833, 59.3908,
31.8371

397.4761,
422.3486, 324.8463

■ 39.9437, 42.9278,
20.9733

■ 97.2474, 103.9454,
63.6506

■ 27.6787, 29.8285,
12.9134

■ 124.4026,
132.8059, 85.4373

■ 18.2228, 19.7084,
7.2389

■ 156.1938,
166.5675, 111.7022

■ 11.2107, 12.1833,
3.5313

192.9862,
205.6149, 142.8636

■ 6.2771, 6.8686,
1.3719

235.1453,
250.3322, 179.3402

■ 3.0565, 3.3801,
0.1197

283.0364,

■ 1.1837, 1.3332,

301.1041, 221.5505

0.0000

337.0249,
358.3147, 269.9130

■ 0.0935, 0.1667,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3833, 59.3908,
31.8371

■ 55.3833, 59.3908,
31.8371

■ 52.8320, 56.5478,
24.0206

■ 58.2985, 62.4430,
41.3739

■ 50.6198, 53.8971,
17.8151


■ 61.5919, 65.7042,
52.7240

■ 48.7255, 51.4318,
13.1044


■ 65.2822, 69.1846,
65.9781

■ 47.1236, 49.1411,
9.7549


■ 69.3857, 72.8912,
81.2197


 45.7837, 47.0124,
7.6096

 73.9174, 76.8305,
98.5273

 44.6612, 45.0271,
6.4349

 76.6236, 80.1016,
106.0304

 44.4979, 44.7303,
6.2885

 78.0305, 82.9155,
106.4994

 79.4768, 85.8081,
106.9815

 80.9628, 88.7801,
107.4768

Harmonies

Analogous

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



62.8752, 59.3908, 34.3522



55.3833, 59.3908, 31.8371



48.7718, 59.3908, 36.4068

Triad

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



55.3833, 59.3908, 31.8371



45.4477, 59.3908, 90.5852



70.3313, 59.3908, 84.0857

Complementary

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



55.3833, 59.3908, 31.8371



34.9256, 33.8964, 73.1086

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.



64.8927, 59.3908, 104.7107



55.3833, 59.3908, 31.8371



50.4766, 59.3908, 109.0041

Square

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



55.3833, 59.3908, 31.8371



43.3638, 59.3908, 67.7874



57.5286, 59.3908, 114.6686



71.9330, 59.3908, 61.6429

Rectangle

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



55.3833, 59.3908, 31.8371



45.6201, 59.3908, 43.6044



57.5286, 59.3908, 114.6686



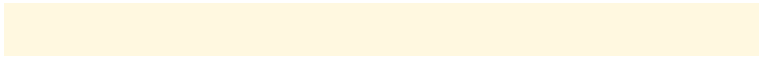
68.8691, 59.3908, 91.6081

Sweetspot

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



55.3848, 59.3935, 31.8383



88.3661, 93.8979, 84.2725



44.6101, 35.3758, 35.8563



18.7690, 19.9618, 17.5159



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.



55.3848, 59.3935, 31.8383



73.7662, 79.0072, 35.2930



53.6774, 65.5418, 33.1151



13.9026, 14.7445, 13.8388



25.9375, 26.1605, 3.6824



1.7423, 1.8188, 0.2592

Inverse Universe

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



34.9256, 33.8964, 73.1086



41.7415, 39.1175, 99.9582



36.0880, 30.1664, 72.3274



12.5735, 13.0868, 16.5154



8.2989, 4.4673, 40.1633



0.6025, 0.4191, 2.6236

Previews

White Background



This preview shows how the XYZ color 55.3833, 59.3908, 31.8371 looks on a white background.

Color Contrast Check

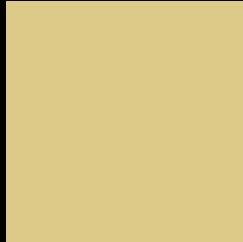
Large Text (above 18pt) WCAG AA × Fail

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 55.3833, 59.3908, 31.8371 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 55.3833, 59.3908, 31.8371

Background



This preview shows how black text looks on a background with the XYZ color 55.3833, 59.3908, 31.8371.

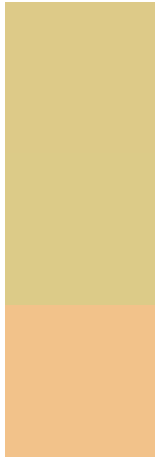


This preview shows how white text looks on a background with the XYZ color 55.3833, 59.3908,

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

55.3833, 59.3908, 31.8371

Protanopia

55.3151, 59.7051, 31.9014

Deuteranopia

60.4972, 59.2958, 32.3014



Tritanopia

62.7682, 59.3520, 67.8223

Trichromacy



Original Color

55.3833, 59.3908, 31.8371

Protanomaly

55.3151, 59.7051, 31.9014

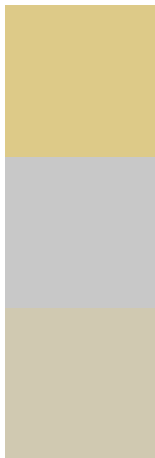
Deuteranomaly

58.4133, 59.2311, 32.0209

Tritanomaly

59.5475, 59.0260, 52.5106

Monochromacy



Original Color

55.3833, 59.3908, 31.8371

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.8349, 58.3575, 49.9690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3833, 59.3908, 31.8371 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(221, 202, 136)` looks like.

```
.text, #text, p{  
    color:rgb(221, 202, 136)  
}
```

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(221, 202, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 202, 136) }
```

Border

The CSS property to change the border of an element to XYZ 55.3833, 59.3908, 31.8371 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(221, 202, 136) }
```


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

```
.border{ border-color:rgb(221, 202, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 202, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 202, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 202, 136);  
box-shadow:4px 4px 4px 4px rgb(221, 202,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3833, 59.3908, 31.8371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 202, 136) }
```

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

```
.background{ background-color: rgb(221,  
202, 136) }
```

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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