

Converting Colors

XYZ(52.1890, 55.8877, 40.3857)

Have a look what the booklet for
XYZ(52.1890, 55.8877, 40.3857)
contains.

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Color

**XYZ(52.1502, 55.8110,
40.3717)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C59E
RGB	208, 197, 158
RGB Percent	82%, 77%, 62%
CMY	0.1843, 0.2274, 0.3804
CMYK	0.00, 0.05, 0.24, 0.18
HSL	47°, 35%, 72%
HSV	47°, 24%, 82%
XYZ	52.1502, 55.8110, 40.3717
YIQ	195.8430, 19.0750, -9.7970

Conversions

Conversions Part 2

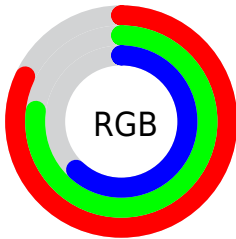
Format	Color
R_{YB}	172, 208, 158
Decimal	13682078
CIE _{Lab}	79.51, -2.33, 20.98
CIE _{LCh}	80, 21.113, 96.342
Yxy	55.8110, 0.3516, 0.3763
Android (android.graphics.Color)	4291872158 (0xFFD0C59E)
YUV	195.8430, -18.6566, 10.6617
Hunter-Lab	74.7068, -6.1322, 20.2543

Details

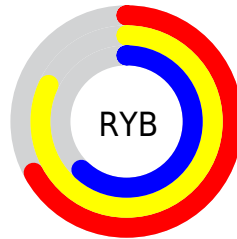
The XYZ color **52.1502, 55.8110, 40.3717** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.6734, 40.1980, 65.3427**, and the grayscale version is **52.4767, 55.2096, 60.1232**.

A 20% lighter version of the original color is **88.6921, 96.9477, 76.9890**, and **25.5608, 27.4578, 17.5884** is the 20% darker color. If you saturate the color by 10%, you get **49.4868, 53.1108, 31.3860**, and if you desaturate by 10%, it is **55.1511, 58.7005, 50.9663**.

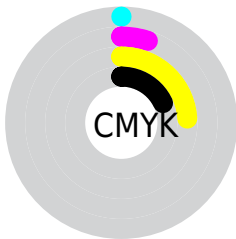
Distribution



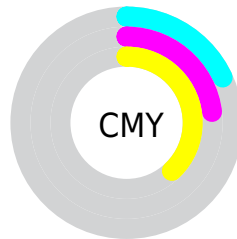
- Red (82%)
- Green (77%)
- Blue (62%)



- Red (67%)
- Yellow (82%)
- Blue (62%)



- Cyan (0%)
- Magenta (5%)
- Yellow (24%)
- Black (18%)



- Cyan (18%)
- Magenta (23%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1502, 55.8110, 40.3717 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 52.1502, 55.8110, 40.3717 by changing the saturation by 10% instead.

■ 52.1502, 55.8110,
40.3717

■ 52.1502, 55.8110,
40.3717

385.3306,
408.9788, 363.2863

■ 37.3496, 40.0514,
27.5125

■ 92.5256, 98.7282,
76.9725

■ 25.6532, 27.5786,
17.7227

■ 118.8311,
126.6546, 101.5511

■ 16.6957, 18.0083,
10.5837

149.7023,
159.4053, 130.8733

■ 10.1117, 10.9559,
5.6770

185.5045,
197.3649, 165.3575

■ 5.5359, 6.0372,
2.5841

226.6031,
240.9176, 205.4224

■ 2.6030, 2.8677,
0.8842

273.3634,

■ 0.9475, 1.0631,

290.4479, 251.4865

0.0000

326.1508,
346.3402, 303.9683

■ 0.0000, 0.0000,
0.0000

■ 52.1502, 55.8110,
40.3717

■ 52.1502, 55.8110,
40.3717

■ 49.4868, 53.1108,
31.3860

■ 55.1511, 58.7005,
50.9663

■ 47.1410, 50.5857,
23.9251

■ 58.4996, 61.7780,
63.2409

■ 45.0975, 48.2310,
17.9030

■ 62.2107, 65.0518,
77.2668

■ 43.3376, 46.0389,
13.2233

■ 66.2972, 68.5275,
93.1101

■ 41.8405, 44.0005,
9.7779

■ 69.6231, 71.7511,
104.7876

■ 40.5824, 42.1059,
7.4420

■ 70.8392, 74.1833,
105.1929

■ 39.5341, 40.3429,
6.0641

■ 72.0884, 76.6817,
105.6093

■ 38.9786, 39.3421,
5.5394

■ 73.3710, 79.2469,
106.0369

■ 74.6871, 81.8792,
106.4756

Harmonies

Analogous

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



56.3897, 55.8110, 41.7744



52.1502, 55.8110, 40.3717



48.3555, 55.8110, 43.8181

Triad

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



52.1502, 55.8110, 40.3717



46.7403, 55.8110, 75.6998



60.8792, 55.8110, 70.6393

Complementary

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



52.1502, 55.8110, 40.3717



39.6734, 40.1980, 65.3427

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.



58.0319, 55.8110, 81.6084



52.1502, 55.8110, 40.3717



49.8385, 55.8110, 84.7919

Square

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



52.1502, 55.8110, 40.3717



45.3413, 55.8110, 63.3875



53.9534, 55.8110, 87.0866



61.5790, 55.8110, 58.2230

Rectangle

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



52.1502, 55.8110, 40.3717



46.5390, 55.8110, 48.7124



53.9534, 55.8110, 87.0866



60.1344, 55.8110, 74.6662

Sweetspot

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



52.1517, 55.8135, 40.3729



91.0685, 96.4242, 94.0476



45.4640, 40.7539, 43.3358



19.4218, 20.5743, 19.8699



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.



52.1517, 55.8135, 40.3729



80.3754, 86.1779, 56.1407



51.1475, 59.1384, 41.0676



12.5737, 13.3381, 12.5238



24.3676, 24.6683, 3.4771



1.4184, 1.4911, 0.2131

Inverse Universe

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



39.6734, 40.1980, 65.3427



57.1550, 57.1242, 102.6214



40.4799, 37.7039, 64.8188



11.3715, 11.8332, 14.9284



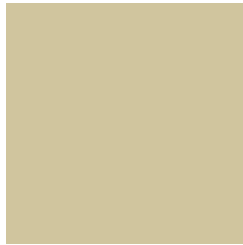
7.7578, 4.1621, 37.5870



0.4941, 0.3535, 2.1218

Previews

White Background



This preview shows how the XYZ color 52.1502, 55.8110, 40.3717 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 52.1502, 55.8110, 40.3717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

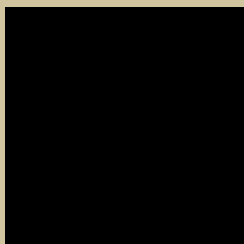
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

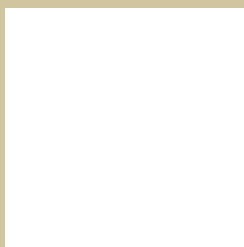
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1502, 55.8110, 40.3717

Background



This preview shows how black text looks on a background with the XYZ color 52.1502, 55.8110, 40.3717.



This preview shows how white text looks on a background with the XYZ color 52.1502, 55.8110,

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

52.1502, 55.8110, 40.3717

Protanopia

52.4323, 55.9564, 40.3849

Deuteranopia

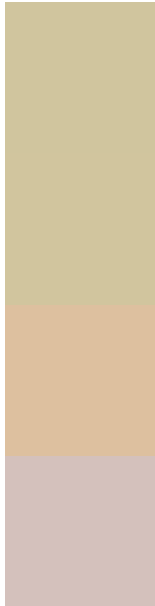
56.8559, 55.5913, 40.9913



Tritanopia

57.1645, 55.5308, 65.4632

Trichromacy



Original Color

52.1502, 55.8110, 40.3717

Protanomaly

52.4323, 55.9564, 40.3849

Deuteranomaly

54.9264, 55.5746, 40.6329

Tritanomaly

55.2984, 55.7678, 55.4267

Monochromacy



Original Color

52.1502, 55.8110, 40.3717

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.0028, 55.1366, 52.1576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1502, 55.8110, 40.3717 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, 197, 158)` looks like.

```
.text, #text, p{  
    color:rgb(208, 197, 158)  
}
```

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, 197, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 197, 158) }
```

Border

The CSS property to change the border of an element to XYZ 52.1502, 55.8110, 40.3717 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, 197, 158) }
```


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

```
.border{ border-color:rgb(208, 197, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 197, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 197, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 197, 158);  
box-shadow:4px 4px 4px 4px rgb(208, 197,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1502, 55.8110, 40.3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 197, 158) }
```

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

```
.background{ background-color: rgb(208,  
197, 158) }
```

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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