

Converting Colors

XYZ(52.0086, 57.4434, 41.1482)

Have a look what the booklet for
XYZ(52.0086, 57.4434, 41.1482)
contains.

XYZ(52.0071, 57.4408, 41.1470)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.0071, 57.4408,
41.1470)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCA9F
RGB	203, 202, 159
RGB Percent	80%, 79%, 62%
CMY	0.2039, 0.2078, 0.3765
CMYK	0.00, 0.00, 0.22, 0.20
HSL	59°, 30%, 71%
HSV	59°, 22%, 80%
XYZ	52.0071, 57.4408, 41.1470
YIQ	197.3970, 14.3990, -13.1610

Conversions

Conversions Part 2

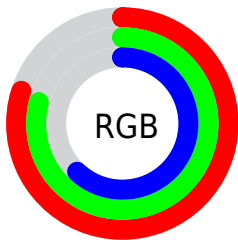
Format	Color
R _{YB}	160, 203, 159
Decimal	13355679
CIE Lab	80.43, -6.68, 21.66
CIE LCh	80, 22.663, 107.132
Yxy	57.4408, 0.3453, 0.3814
Android (android.graphics.Color)	4291545759 (0xFFCBCA9F)
YUV	197.3970, -18.9297, 4.9138
Hunter-Lab	75.7897, -10.1448, 20.8637

Details

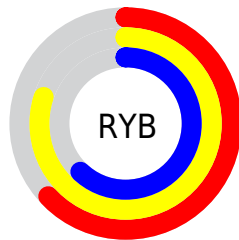
The XYZ color **52.0071, 57.4408, 41.1470** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.6482, 36.8234, 61.6234**, and the grayscale version is **53.4170, 56.1988, 61.2005**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **25.4565, 28.5372, 18.0765** is the 20% darker color. If you saturate the color by 10%, you get **50.2813, 56.5804, 32.5830**, and if you desaturate by 10%, it is **54.0256, 58.4227, 51.2373**.

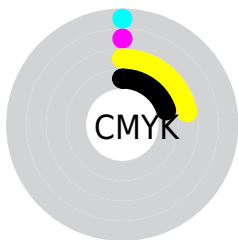
Distribution



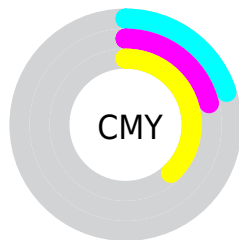
- Red (80%)
- Green (79%)
- Blue (62%)



- Red (63%)
- Yellow (80%)
- Blue (62%)



- Cyan (0%)
- Magenta (0%)
- Yellow (22%)
- Black (20%)



- Cyan (20%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0071, 57.4408, 41.1470 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 52.0071, 57.4408, 41.1470 by changing the saturation by 10% instead.

■ 52.0071, 57.4408,
41.1470

■ 52.0071, 57.4408,
41.1470

384.7875,
415.0990, 366.6294

■ 37.2350, 41.3592,
28.1134

■ 92.3159, 101.1081,
78.1631

■ 25.5640, 28.5999,
18.1714

■ 118.5833,
129.4626, 102.9827

■ 16.6287, 18.7784,
10.9024

149.4132,
162.6769, 132.5680

■ 10.0638, 11.5102,
5.8879

185.1709,
201.1354, 167.3375

■ 5.5039, 6.4111,
2.7093

226.2219,
245.2225, 207.7099

■ 2.5836, 3.0967,
0.9481

272.9314,

■ 0.9376, 1.1824,

295.3225, 254.1037

0.0000

325.6648,
351.8199, 306.9374

■ 0.0000, 0.0473,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.0071, 57.4408,
41.1470

■ 52.0071, 57.4408,
41.1470

■ 50.2813, 56.5804,
32.5830

■ 54.0256, 58.4227,
51.2373

■ 48.8296, 55.8281,
25.4673

■ 56.3453, 59.5238,
62.9194

■ 47.6382, 55.1805,
19.7206

■ 58.9803, 60.7514,
76.2596

■ 46.6902, 54.6307,
15.2545

■ 61.9420, 62.1102,
91.3191

■ 45.9670, 54.1714,
11.9702

■ 64.3430, 63.2452,
103.4241

■ 45.4470, 53.7939,
9.7549

■ 64.4525, 63.4642,
103.4605

■ 45.1047, 53.4880,
8.4732

■ 64.5623, 63.6838,
103.4971

■ 44.9166, 53.2724,
7.9152

■ 64.6724, 63.9040,
103.5339

■ 64.7828, 64.1249,
103.5707

Harmonies

Analogous

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



56.6090, 57.4408, 40.7756



52.0071, 57.4408, 41.1470



48.3084, 57.4408, 46.7067

Triad

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



52.0071, 57.4408, 41.1470



48.7426, 57.4408, 83.2242



63.7731, 57.4408, 68.4142

Complementary

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



52.0071, 57.4408, 41.1470



37.6482, 36.8234, 61.6234

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.



61.4063, 57.4408, 81.6072



52.0071, 57.4408, 41.1470



52.6308, 57.4408, 90.9381

Square

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



52.0071, 57.4408, 41.1470



46.4983, 57.4408, 70.3839



57.2689, 57.4408, 90.3075



63.5826, 57.4408, 55.3077

Rectangle

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



52.0071, 57.4408, 41.1470



46.7735, 57.4408, 53.1209



57.2689, 57.4408, 90.3075



63.2448, 57.4408, 73.0187

Sweetspot

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



52.0086, 57.4434, 41.1482



92.1794, 98.6459, 94.4179



43.4133, 40.0479, 38.9148



19.6798, 21.0904, 19.9559



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.



52.0086, 57.4434, 41.1482



85.6764, 95.4883, 61.8890



47.0162, 55.2173, 40.9817



12.1313, 13.0515, 11.9592



28.5942, 33.9214, 5.0404



1.4822, 1.7641, 0.2624

Inverse Universe

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



37.6482, 36.8234, 61.6234



57.4185, 54.9137, 102.1809



41.8921, 38.7562, 61.7728



10.6218, 10.8839, 14.1114



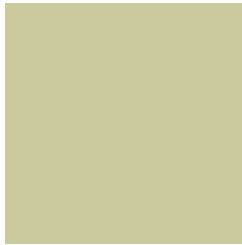
6.9007, 2.8254, 36.1379



0.3633, 0.1603, 1.8667

Previews

White Background



This preview shows how the XYZ color 52.0071, 57.4408, 41.1470 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 52.0071, 57.4408, 41.1470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

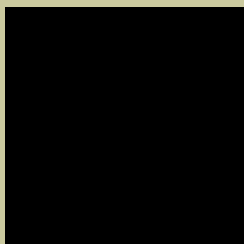
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

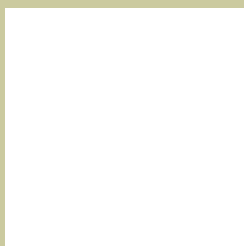
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0071, 57.4408, 41.1470

Background



This preview shows how black text looks on a background with the XYZ color 52.0071, 57.4408, 41.1470.



This preview shows how white text looks on a background with the XYZ color 52.0071, 57.4408,

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

52.0071, 57.4408, 41.1470

Protanopia

53.7464, 57.3125, 40.5774

Deuteranopia

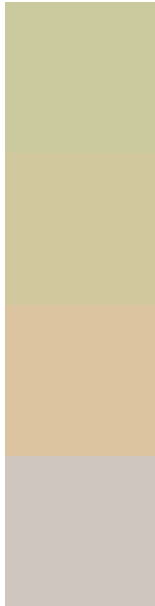
58.5614, 57.4283, 41.7165



Tritanopia

57.7263, 57.3850, 69.0067

Trichromacy



Original Color

52.0071, 57.4408, 41.1470

Protanomaly

53.1203, 57.3325, 40.6143

Deuteranomaly

55.9039, 57.3901, 41.3886

Tritanomaly

55.3302, 57.4152, 57.4562

Monochromacy



Original Color

52.0071, 57.4408, 41.1470

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.5239, 56.4079, 52.9192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0071, 57.4408, 41.1470 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(203, 202, 159)` looks like.

```
.text, #text, p{  
    color:rgb(203, 202, 159)  
}
```

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(203, 202, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 202, 159) }
```

Border

The CSS property to change the border of an element to XYZ 52.0071, 57.4408, 41.1470 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(203, 202, 159) }
```


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

```
.border{ border-color:rgb(203, 202, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 202, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 202, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 202, 159);  
box-shadow:4px 4px 4px 4px rgb(203, 202,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0071, 57.4408, 41.1470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 202, 159) }
```

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

```
.background{ background-color: rgb(203,  
202, 159) }
```

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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