

Converting Colors

XYZ(52.8174, 57.3142, 42.0476)

Have a look what the booklet for
XYZ(52.8174, 57.3142, 42.0476)
contains.

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Color

**XYZ(52.8194, 57.1472,
41.9648)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC8A1
RGB	207, 200, 161
RGB Percent	81%, 78%, 63%
CMY	0.1882, 0.2157, 0.3686
CMYK	0.00, 0.03, 0.22, 0.19
HSL	51°, 32%, 72%
HSV	51°, 22%, 81%
XYZ	52.8194, 57.1472, 41.9648
YIQ	197.6470, 16.6910, -10.6450

Conversions

Conversions Part 2

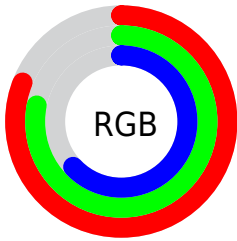
Format	Color
RYB	169, 207, 161
Decimal	13617313
CIELab	80.26, -3.85, 20.42
CIELCh	80, 20.781, 100.671
Yxy	57.1472, 0.3477, 0.3761
Android (android.graphics.Color)	4291807393 (0xFFCFC8A1)
YUV	197.6470, -18.0670, 8.2026
Hunter-Lab	75.5958, -7.5731, 20.0039

Details

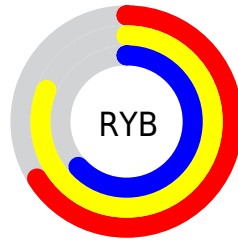
The XYZ color **52.8194, 57.1472, 41.9648** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.9628, 40.0862, 64.6628**, and the grayscale version is **53.5626, 56.3520, 61.3673**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **25.9881, 28.3373, 18.5679** is the 20% darker color. If you saturate the color by 10%, you get **50.4220, 55.0357, 32.8931**, and if you desaturate by 10%, it is **55.5370, 59.4148, 52.6356**.

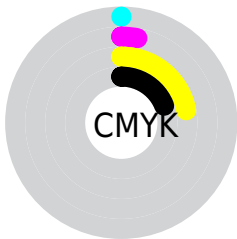
Distribution



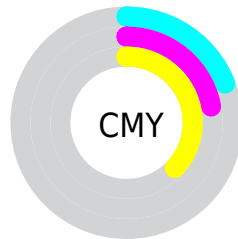
- Red (81%)
- Green (78%)
- Blue (63%)



- Red (66%)
- Yellow (81%)
- Blue (63%)



- Cyan (0%)
- Magenta (3%)
- Yellow (22%)
- Black (19%)





- Cyan (19%)
- Magenta (22%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8194, 57.1472, 41.9648 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 52.8194, 57.1472, 41.9648 by changing the saturation by 10% instead.

 52.8194, 57.1472,
41.9648

 52.8194, 57.1472,
41.9648

387.8641,
414.0007, 370.1324

 37.8855, 41.1234,
28.7484


 93.5057, 100.6799,
79.4159

 26.0707, 28.4155,
18.6466


 119.9887,
128.9577, 104.4876

 17.0095, 18.6391,
11.2410


151.0523,
162.0889, 134.3481

 10.3366, 11.4098,
6.1130

187.0616,
200.4580, 169.4160

 5.6867, 6.3432,
2.8440

228.3821,
244.4493, 210.1099

 2.6943, 3.0549,
1.0155

275.3791,

 0.9943, 1.1604,

294.4473, 256.8482

0.0000

328.4180,
350.8362, 310.0495

■ 0.0000, 0.0290,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.8194, 57.1472,
41.9648

■ 52.8194, 57.1472,
41.9648

■ 50.4220, 55.0357,
32.8931

■ 55.5370, 59.4148,
52.6356

■ 48.3255, 53.0664,
25.3386

■ 58.5843, 61.8364,
64.9747

■ 46.5151, 51.2353,
19.2175

■ 61.9759, 64.4201,
79.0518

■ 44.9729, 49.5351,
14.4366

■ 65.7241, 67.1708,
94.9314

■ 43.6792, 47.9577,
10.8914

■ 68.2726, 69.4663,
104.4177

■ 42.6110, 46.4938,
8.4623

■ 69.0856, 71.0922,
104.6887

■ 41.7411, 45.1324,
7.0056

■ 69.9141, 72.7492,
104.9649

■ 41.1640, 44.1291,
6.3482

■ 70.7582, 74.4374,
105.2462

■ 71.6180, 76.1570,
105.5328

Harmonies

Analogous

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



57.0630, 57.1472, 42.6710



52.8194, 57.1472, 41.9648



49.1695, 57.1472, 46.1261

Triad

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



52.8194, 57.1472, 41.9648



48.3588, 57.1472, 78.7333



62.3877, 57.1472, 70.2849

Complementary

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



52.8194, 57.1472, 41.9648



39.9628, 40.0862, 64.6628

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.



59.8111, 57.1472, 81.6882



52.8194, 57.1472, 41.9648



51.6600, 57.1472, 86.9882

Square

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



52.8194, 57.1472, 41.9648



46.6848, 57.1472, 66.6529



55.8420, 57.1472, 88.1349



62.7381, 57.1472, 57.9950

Rectangle

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



52.8194, 57.1472, 41.9648



47.5076, 57.1472, 51.4627



55.8420, 57.1472, 88.1349



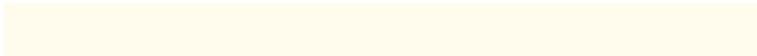
61.7471, 57.1472, 74.3888

Sweetspot

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



52.8209, 57.1498, 41.9660



91.4482, 97.1835, 94.1742



45.6077, 41.6079, 43.0003



19.5099, 20.7506, 19.8992



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.



52.8209, 57.1498, 41.9660



82.6293, 89.8325, 59.5224



50.4001, 58.3621, 42.3276



12.6439, 13.4785, 12.5472



25.9909, 27.9149, 4.0182



1.4957, 1.6457, 0.2388

Inverse Universe

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



39.9628, 40.0862, 64.6628



58.2162, 57.4380, 102.6261



41.9879, 39.2645, 64.3975



11.3067, 11.7037, 14.9068



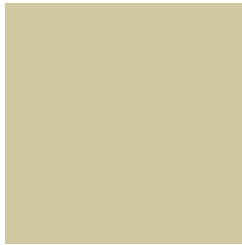
7.4563, 3.5592, 37.4865



0.4641, 0.2934, 2.1117

Previews

White Background



This preview shows how the XYZ color 52.8194, 57.1472, 41.9648 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 52.8194, 57.1472, 41.9648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

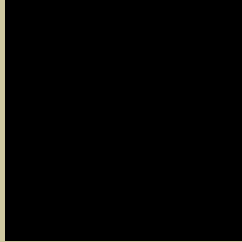
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8194, 57.1472, 41.9648

Background



This preview shows how black text looks on a background with the XYZ color 52.8194, 57.1472, 41.9648.



This preview shows how white text looks on a background with the XYZ color 52.8194, 57.1472,

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

52.8194, 57.1472, 41.9648

Protanopia

53.6326, 57.2338, 41.4782

Deuteranopia

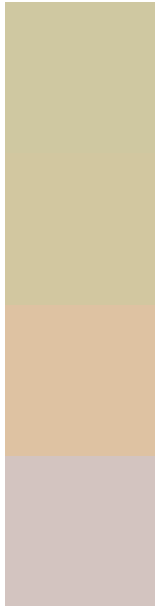
58.1967, 56.8949, 42.5648



Tritanopia

58.0192, 56.8895, 68.2444

Trichromacy



Original Color

52.8194, 57.1472, 41.9648

Protanomaly

53.3469, 57.0866, 41.4648

Deuteranomaly

55.9376, 56.7218, 42.1826

Tritanomaly

56.1183, 57.1345, 57.9395

Monochromacy



Original Color

52.8194, 57.1472, 41.9648

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.2678, 56.7671, 54.0486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8194, 57.1472, 41.9648 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(207, 200, 161)` looks like.

```
.text, #text, p{  
    color:rgb(207, 200, 161)  
}
```

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(207, 200, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 200, 161) }
```

Border

The CSS property to change the border of an element to XYZ 52.8194, 57.1472, 41.9648 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(207, 200, 161) }
```


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

```
.border{ border-color:rgb(207, 200, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 200, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 200, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 200, 161);  
box-shadow:4px 4px 4px 4px rgb(207, 200,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8194, 57.1472, 41.9648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 200, 161) }
```

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

```
.background{ background-color: rgb(207,  
200, 161) }
```

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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