

Converting Colors

XYZ(53.2127, 57.7719, 42.8818)

Have a look what the booklet for
XYZ(53.2127, 57.7719, 42.8818)
contains.

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Color

**XYZ(53.2296, 57.6830,
42.9788)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC9A3
RGB	207, 201, 163
RGB Percent	81%, 79%, 64%
CMY	0.1882, 0.2117, 0.3608
CMYK	0.00, 0.03, 0.21, 0.19
HSL	52°, 31%, 73%
HSV	52°, 21%, 81%
XYZ	53.2296, 57.6830, 42.9788
YIQ	198.4620, 15.7740, -10.5460

Conversions

Conversions Part 2

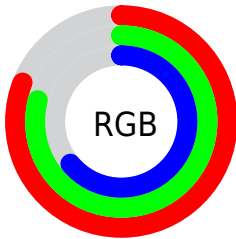
Format	Color
RYB	170, 207, 163
Decimal	13617571
CIELab	80.56, -4.08, 19.78
CIELCh	81, 20.192, 101.656
Yxy	57.6830, 0.3459, 0.3748
Android (android.graphics.Color)	4291807651 (0xFFCFC9A3)
YUV	198.4620, -17.4828, 7.4878
Hunter-Lab	75.9493, -7.8084, 19.6130

Details

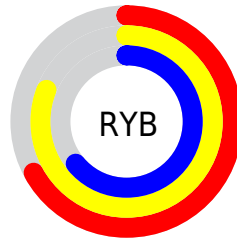
The XYZ color **53.2296, 57.6830, 42.9788** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.5546, 40.6665, 64.7437**, and the grayscale version is **54.0554, 56.8705, 61.9319**.

A 20% lighter version of the original color is **89.6549, 97.8420, 80.4897**, and **26.2519, 28.6905, 19.1931** is the 20% darker color. If you saturate the color by 10%, you get **50.8737, 55.7002, 33.7800**, and if you desaturate by 10%, it is **55.9042, 59.8166, 53.7830**.

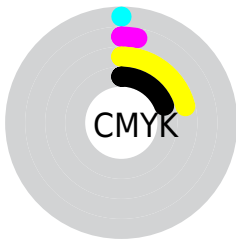
Distribution



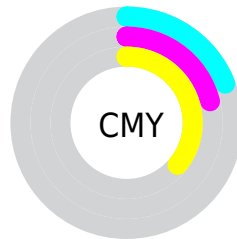
- Red (81%)
- Green (79%)
- Blue (64%)



- Red (67%)
- Yellow (81%)
- Blue (64%)



- Cyan (0%)
- Magenta (3%)
- Yellow (21%)
- Black (19%)





- Cyan (19%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2296, 57.6830, 42.9788 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 53.2296, 57.6830, 42.9788 by changing the saturation by 10% instead.


 53.2296, 57.6830,
42.9788

 53.2296, 57.6830,
42.9788


389.4118,
416.0037, 374.4432

 38.2143, 41.5539,
29.5372


 94.1057, 101.4611,
80.9649

 26.3270, 28.7521,
19.2385


 120.6972,
129.8788, 106.3464

 17.2024, 18.8934,
11.6642


151.8781,
163.1615, 136.5451

 10.4751, 11.5933,
6.3957

188.0138,
201.6936, 171.9793

 5.7798, 6.4674,
3.0145

229.4697,
245.8595, 213.0677

 2.7510, 3.1313,
1.1020

276.6111,

 1.0235, 1.2007,

296.0435, 260.2288

0.0000

329.8034,
352.6301, 313.8811

■ 0.0000, 0.0622,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.2296, 57.6830,
42.9788

■ 53.2296, 57.6830,
42.9788

■ 50.8737, 55.7002,
33.7800

■ 55.9042, 59.8166,
53.7830

■ 48.8172, 53.8543,
26.1052

■ 58.9068, 62.0989,
66.2613

■ 47.0456, 52.1415,
19.8714

■ 62.2519, 64.5376,
80.4831

■ 45.5412, 50.5546,
14.9863

■ 65.9518, 67.1379,
96.5124

■ 44.2844, 49.0857,
11.3467

■ 68.1102, 69.1414,
104.3636

■ 43.2527, 47.7256,
8.8346

■ 68.8351, 70.5912,
104.6052

■ 42.4193, 46.4636,
7.3093

■ 69.5725, 72.0660,
104.8510

■ 41.8112, 45.4235,
6.5639

■ 70.3224, 73.5657,
105.1010

■ 71.0848, 75.0906,
105.3551

Harmonies

Analogous

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



57.3759, 57.6830, 43.5169



53.2296, 57.6830, 42.9788



49.6915, 57.6830, 47.2331

Triad

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



53.2296, 57.6830, 42.9788



49.0775, 57.6830, 79.2535



62.7541, 57.6830, 70.2774

Complementary

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



53.2296, 57.6830, 42.9788



40.5546, 40.6665, 64.7437

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.



60.3024, 57.6830, 81.4754



53.2296, 57.6830, 42.9788



52.3528, 57.6830, 87.0914

Square

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



53.2296, 57.6830, 42.9788



47.3764, 57.6830, 67.5380



56.4539, 57.6830, 87.9523



63.0181, 57.6830, 58.3022

Rectangle

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



53.2296, 57.6830, 42.9788



48.0987, 57.6830, 52.5700



56.4539, 57.6830, 87.9523



62.1529, 57.6830, 74.2935

Sweetspot

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



53.2311, 57.6856, 42.9800



92.0222, 97.7305, 96.2184



46.0478, 42.3477, 43.5798



19.6286, 20.8667, 20.3124



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.



53.2311, 57.6856, 42.9800



83.3382, 90.8120, 61.1096



50.5612, 58.4247, 43.2634



12.6604, 13.5114, 12.5527



26.3941, 28.7211, 4.1526



1.5146, 1.6836, 0.2451

Inverse Universe

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



40.5546, 40.6665, 64.7437



59.0952, 58.2671, 102.7398



42.8124, 40.2126, 64.5371



11.2917, 11.6737, 14.9018



7.4009, 3.4485, 37.4680



0.4571, 0.2794, 2.1094

Previews

White Background



This preview shows how the XYZ color 53.2296, 57.6830, 42.9788 looks on a white background.

Color Contrast Check

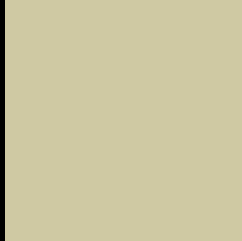
Large Text (above 18pt) WCAG AA × Fail

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 53.2296, 57.6830, 42.9788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

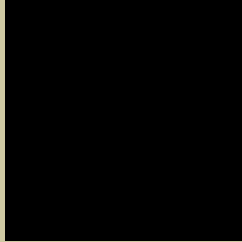
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

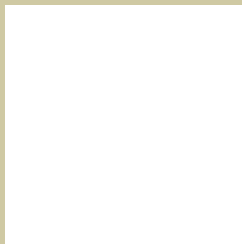
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2296, 57.6830, 42.9788

Background



This preview shows how black text looks on a background with the XYZ color 53.2296, 57.6830, 42.9788.



This preview shows how white text looks on a background with the XYZ color 53.2296, 57.6830,

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

53.2296, 57.6830, 42.9788

Protanopia

54.0964, 57.4525, 42.4207

Deuteranopia

58.5962, 57.4048, 43.5892



Tritanopia

58.5885, 57.8295, 69.0470

Trichromacy



Original Color

53.2296, 57.6830, 42.9788

Protanomaly

53.7542, 57.6188, 42.4708

Deuteranomaly

56.3401, 57.2401, 43.2010

Tritanomaly

56.4559, 57.6316, 58.6006

Monochromacy



Original Color

53.2296, 57.6830, 42.9788

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 53.2296, 57.6830, 42.9788 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, 201, 163)` looks like.

```
.text, #text, p{  
    color:rgb(207, 201, 163)  
}
```

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, 201, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 201, 163) }
```

Border

The CSS property to change the border of an element to XYZ 53.2296, 57.6830, 42.9788 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, 201, 163) }
```


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

```
.border{ border-color:rgb(207, 201, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 201, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 201, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 201, 163);  
box-shadow:4px 4px 4px 4px rgb(207, 201,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2296, 57.6830, 42.9788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 201, 163) }
```

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

```
.background{ background-color: rgb(207,  
201, 163) }
```

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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