

Converting Colors

XYZ(52.4333, 56.9017, 43.2782)

Have a look what the booklet for
XYZ(52.4333, 56.9017, 43.2782)
contains.

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Color

**XYZ(52.5320, 56.9680,
43.3492)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC8A4
RGB	205, 200, 164
RGB Percent	80%, 78%, 64%
CMY	0.1961, 0.2157, 0.3569
CMYK	0.00, 0.02, 0.20, 0.20
HSL	53°, 29%, 72%
HSV	53°, 20%, 80%
XYZ	52.5320, 56.9680, 43.3492
YIQ	197.3910, 14.5360, -10.1360

Conversions

Conversions Part 2

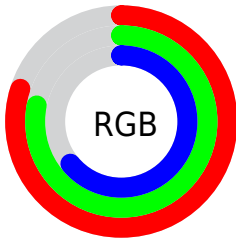
Format	Color
R_{YB}	170, 205, 164
Decimal	13486244
CIE _{Lab}	80.16, -4.16, 18.67
CIE _{LCh}	80, 19.123, 102.567
Yxy	56.9680, 0.3437, 0.3727
Android (android.graphics.Color)	4291676324 (0xFFCDC8A4)
YUV	197.3910, -16.4618, 6.6731
Hunter-Lab	75.4771, -7.8492, 18.7817

Details

The XYZ color **52.5320, 56.9680, 43.3492** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.5173, 40.6755, 63.4738**, and the grayscale version is **53.3988, 56.1797, 61.1797**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **25.7812, 28.2117, 19.4158** is the 20% darker color. If you saturate the color by 10%, you get **50.2547, 55.1409, 34.1809**, and if you desaturate by 10%, it is **55.1202, 58.9385, 54.0948**.

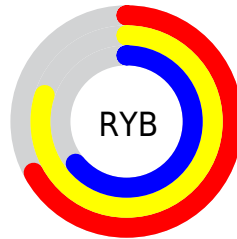
Distribution



Red (80%)

Green (78%)

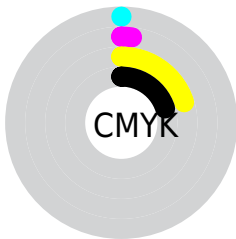
Blue (64%)



Red (67%)

Yellow (80%)

Blue (64%)

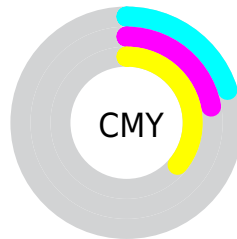


Cyan (0%)

Magenta (2%)

Yellow (20%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5320, 56.9680, 43.3492 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 52.5320, 56.9680, 43.3492 by changing the saturation by 10% instead.

■ 52.5320, 56.9680,
43.3492

■ 52.5320, 56.9680,
43.3492

386.7773,
413.3294, 376.0092

■ 37.6553, 40.9795,
29.8258

■ 93.0849, 100.4185,
81.5296

■ 25.8912, 28.3031,
19.4555

■ 119.4919,
128.6493, 107.0236

■ 16.8746, 18.5543,
11.8197

150.4729,
161.7297, 137.3448

■ 10.2398, 11.3487,
6.5000

186.3934,
200.0441, 172.9119

■ 5.6218, 6.3019,
3.0778

227.6188,
243.9769, 214.1434

■ 2.6549, 3.0295,
1.1345

274.5143,

■ 0.9740, 1.1471,

293.9124, 261.4577

0.0000

327.4454,
350.2351, 315.2735

■ 0.0000, 0.0179,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.5320, 56.9680,
43.3492

■ 52.5320, 56.9680,
43.3492

■ 50.2547, 55.1409,
34.1809

■ 55.1202, 58.9385,
54.0948

■ 48.2695, 53.4437,
26.5110

■ 58.0283, 61.0502,
66.4843

■ 46.5624, 51.8727,
20.2595

■ 61.2701, 63.3107,
80.5847

■ 45.1164, 50.4211,
15.3373

■ 64.8577, 65.7248,
96.4583

■ 43.9128, 49.0813,
11.6452

■ 66.8944, 67.5340,
104.1174

■ 42.9299, 47.8446,
9.0702

■ 67.5256, 68.7964,
104.3278

■ 42.1424, 46.7006,
7.4784

■ 68.1666, 70.0783,
104.5414

■ 41.5027, 45.6305,
6.6202

■ 68.8172, 71.3796,
104.7583

■ 41.5026, 45.6304,
6.6201

■ 69.4777, 72.7006,
104.9785

Harmonies

Analogous

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



56.4228, 56.9680, 43.7216



52.5320, 56.9680, 43.3492



49.2333, 56.9680, 47.5258

Triad

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



52.5320, 56.9680, 43.3492



48.8123, 56.9680, 77.7098



61.6159, 56.9680, 68.6833

Complementary

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



52.5320, 56.9680, 43.3492



40.5173, 40.6755, 63.4738

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.



59.3759, 56.9680, 79.2167



52.5320, 56.9680, 43.3492



51.9321, 56.9680, 84.8422

Square

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



52.5320, 56.9680, 43.3492



47.1560, 56.9680, 66.8168



55.7935, 56.9680, 85.4246



61.7956, 56.9680, 57.4745

Rectangle

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



52.5320, 56.9680, 43.3492



47.7633, 56.9680, 52.6563



55.7935, 56.9680, 85.4246



61.0742, 56.9680, 72.4515

Sweetspot

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



52.5335, 56.9705, 43.3504



92.0918, 97.8697, 96.2416



45.6583, 42.4130, 43.5471



19.6451, 20.8997, 20.3179



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.



52.5335, 56.9705, 43.3504



84.3821, 92.0000, 64.2316



49.7597, 57.2864, 43.5576



12.0327, 12.8543, 11.9264



25.8837, 28.5003, 4.1369



1.3689, 1.5375, 0.2246

Inverse Universe

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



40.5173, 40.6755, 63.4738



61.1935, 60.5562, 103.0710



42.8938, 40.5472, 63.3238



10.7101, 11.0606, 14.1408



7.1137, 3.2513, 36.2089



0.4045, 0.2427, 1.8805

Previews

White Background



This preview shows how the XYZ color 52.5320, 56.9680, 43.3492 looks on a white background.

Color Contrast Check

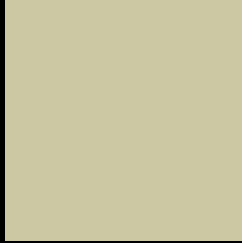
Large Text (above 18pt) WCAG AA × Fail

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 52.5320, 56.9680, 43.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

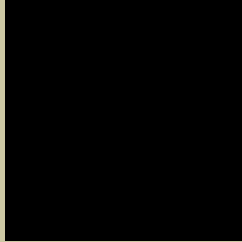
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5320, 56.9680, 43.3492

Background



This preview shows how black text looks on a background with the XYZ color 52.5320, 56.9680, 43.3492.



This preview shows how white text looks on a background with the XYZ color 52.5320, 56.9680,

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

52.5320, 56.9680, 43.3492

Protanopia

53.3833, 56.7341, 42.7875

Deuteranopia

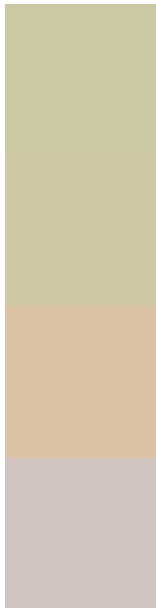
57.8268, 56.6728, 43.9675



Tritanopia

57.6644, 57.0359, 68.2914

Trichromacy



Original Color

52.5320, 56.9680, 43.3492

Protanomaly

53.0467, 56.9011, 42.8375

Deuteranomaly

55.5985, 56.5158, 43.5756

Tritanomaly

55.6601, 56.8854, 58.4985

Monochromacy



Original Color

52.5320, 56.9680, 43.3492

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.7705, 56.1703, 53.9596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5320, 56.9680, 43.3492 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(205, 200, 164)` looks like.

```
.text, #text, p{  
    color:rgb(205, 200, 164)  
}
```

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(205, 200, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 200, 164) }
```

Border

The CSS property to change the border of an element to XYZ 52.5320, 56.9680, 43.3492 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(205, 200, 164) }
```


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

```
.border{ border-color:rgb(205, 200, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 200, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 200, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 200, 164);  
box-shadow:4px 4px 4px 4px rgb(205, 200,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5320, 56.9680, 43.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 200, 164) }
```

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

```
.background{ background-color: rgb(205,  
200, 164) }
```

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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