

Converting Colors

XYZ(53.3440, 58.0426, 43.6098)

Have a look what the booklet for
XYZ(53.3440, 58.0426, 43.6098)
contains.

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Color

**XYZ(53.2750, 58.0432,
43.5175)**

Conversions

Conversions Part 1

Format	Color
Hex	CECAA4
RGB	206, 202, 164
RGB Percent	81%, 79%, 64%
CMY	0.1922, 0.2078, 0.3569
CMYK	0.00, 0.02, 0.20, 0.19
HSL	54°, 30%, 73%
HSV	54°, 20%, 81%
XYZ	53.2750, 58.0432, 43.5175
YIQ	198.8640, 14.5820, -10.9700

Conversions

Conversions Part 2

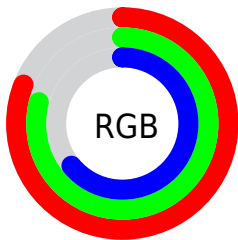
Format	Color
RYB	168, 206, 164
Decimal	13552292
CIELab	80.76, -4.83, 19.51
CIELCh	81, 20.100, 103.895
Yxy	58.0432, 0.3441, 0.3749
Android (android.graphics.Color)	4291742372 (0xFFCECAA4)
YUV	198.8640, -17.1880, 6.2583
Hunter-Lab	76.1861, -8.5051, 19.4638

Details

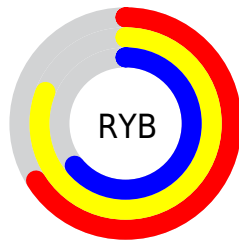
The XYZ color **53.2750, 58.0432, 43.5175** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.4530, 40.3532, 64.0498**, and the grayscale version is **54.2997, 57.1276, 62.2119**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **26.2770, 28.9290, 19.5281** is the 20% darker color. If you saturate the color by 10%, you get **51.1070, 56.4469, 34.3481**, and if you desaturate by 10%, it is **55.7533, 59.7770, 54.2784**.

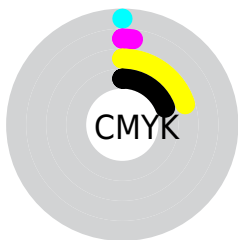
Distribution



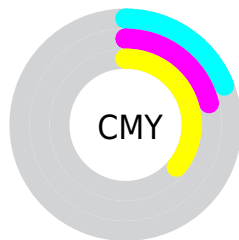
- Red (81%)
- Green (79%)
- Blue (64%)



- Red (66%)
- Yellow (81%)
- Blue (64%)



- Cyan (0%)
- Magenta (2%)
- Yellow (20%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2750, 58.0432, 43.5175 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 53.2750, 58.0432, 43.5175 by changing the saturation by 10% instead.

■ 53.2750, 58.0432,
43.5175

■ 53.2750, 58.0432,
43.5175

389.5829,
417.3469, 376.7192

■ 38.2507, 41.8434,
29.9570

■ 94.1721, 101.9858,
81.7859

■ 26.3554, 28.9787,
19.5541

■ 120.7755,
130.4973, 107.3309

■ 17.2238, 19.0647,
11.8905

151.9694,
163.8815, 137.7077

■ 10.4905, 11.7170,
6.5475

188.1191,
202.5228, 173.3350

■ 5.7901, 6.5513,
3.1067

229.5900,
246.8056, 214.6313

■ 2.7573, 3.1831,
1.1494

276.7473,

■ 1.0268, 1.2281,

297.1143, 262.0150

0.0000

329.9565,
353.8333, 315.9048

■ 0.0000, 0.0844,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.2750, 58.0432,
43.5175

■ 53.2750, 58.0432,
43.5175

■ 51.1070, 56.4469,
34.3481

■ 55.7533, 59.7770,
54.2784

■ 49.2302, 54.9743,
26.6902

■ 58.5508, 61.6458,
66.6983

■ 47.6304, 53.6219,
20.4625

■ 61.6818, 63.6575,
80.8452

■ 46.2904, 52.3826,
15.5744

■ 65.1583, 65.8168,
96.7823

■ 45.1911, 51.2488,
11.9252

■ 66.9983, 67.3310,
104.0727

■ 44.3106, 50.2116,
9.3999

■ 67.4906, 68.3156,
104.2368

■ 43.6228, 49.2608,
7.8617

■ 67.9889, 69.3121,
104.4029

■ 43.0977, 48.4097,
7.0725

■ 68.4932, 70.3207,
104.5710

■ 69.0034, 71.3412,
104.7411

Harmonies

Analogous

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



57.4105, 58.0432, 43.6955



53.2750, 58.0432, 43.5175



49.8210, 58.0432, 48.1265

Triad

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



53.2750, 58.0432, 43.5175



49.6181, 58.0432, 80.3965



63.1915, 58.0432, 69.7496

Complementary

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



53.2750, 58.0432, 43.5175



40.4530, 40.3532, 64.0498

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.



60.8852, 58.0432, 81.1299



53.2750, 58.0432, 43.5175



52.9853, 58.0432, 87.7833

Square

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



53.2750, 58.0432, 43.5175



47.7824, 58.0432, 68.8450



57.1060, 58.0432, 88.0674



63.2786, 58.0432, 57.8708

Rectangle

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



53.2750, 58.0432, 43.5175



48.3115, 58.0432, 53.6717



57.1060, 58.0432, 88.0674



62.6450, 58.0432, 73.7923

Sweetspot

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



53.2765, 58.0458, 43.5187



92.2210, 98.1283, 96.2847



45.8162, 42.5081, 42.9344



19.6757, 20.9610, 20.3281



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.



53.2765, 58.0458, 43.5187



84.8858, 93.0074, 64.3995



49.8087, 57.6679, 43.6286



12.0591, 12.9071, 11.9352



26.5769, 29.8868, 4.3680



1.3982, 1.5961, 0.2344

Inverse Universe

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



40.4530, 40.3532, 64.0498



60.8137, 59.7967, 102.9444



43.4259, 40.8075, 63.9808



10.6862, 11.0128, 14.1328



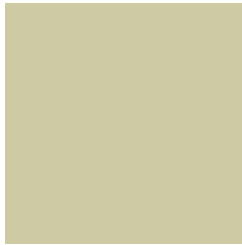
7.0419, 3.1078, 36.1850



0.3934, 0.2206, 1.8768

Previews

White Background



This preview shows how the XYZ color 53.2750, 58.0432, 43.5175 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 53.2750, 58.0432, 43.5175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

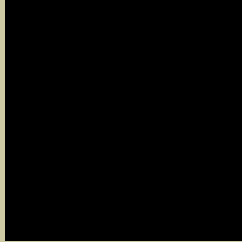
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

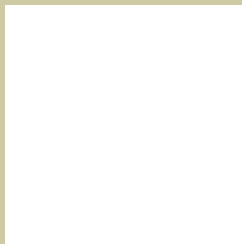
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2750, 58.0432, 43.5175

Background



This preview shows how black text looks on a background with the XYZ color 53.2750, 58.0432, 43.5175.



This preview shows how white text looks on a background with the XYZ color 53.2750, 58.0432,

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

53.2750, 58.0432, 43.5175

Protanopia

54.4165, 57.9499, 42.9677

Deuteranopia

59.2316, 58.0489, 44.1591



Tritanopia

58.6492, 58.1801, 69.7667

Trichromacy



Original Color

53.2750, 58.0432, 43.5175

Protanomaly

54.0758, 58.1193, 43.0184

Deuteranomaly

56.9629, 57.8844, 43.7679

Tritanomaly

56.5100, 57.9848, 59.2527

Monochromacy



Original Color

53.2750, 58.0432, 43.5175

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.8743, 57.4103, 54.6962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2750, 58.0432, 43.5175 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(206, 202, 164)` looks like.

```
.text, #text, p{  
    color:rgb(206, 202, 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(206, 202, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 202, 164) }
```

Border

The CSS property to change the border of an element to XYZ 53.2750, 58.0432, 43.5175 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(206, 202, 164) }
```


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

```
.border{ border-color:rgb(206, 202, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 202, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 202, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 202, 164);  
box-shadow:4px 4px 4px 4px rgb(206, 202,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2750, 58.0432, 43.5175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 202, 164) }
```

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

```
.background{ background-color: rgb(206,  
202, 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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