

Converting Colors

XYZ(53.3922, 56.3792, 44.6279)

Have a look what the booklet for
XYZ(53.3922, 56.3792, 44.6279)
contains.

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Color

**XYZ(53.5196, 56.4242,
44.6294)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C5A7
RGB	210, 197, 167
RGB Percent	82%, 77%, 65%
CMY	0.1765, 0.2274, 0.3451
CMYK	0.00, 0.06, 0.20, 0.18
HSL	42°, 32%, 74%
HSV	42°, 20%, 82%
XYZ	53.5196, 56.4242, 44.6294
YIQ	197.4670, 17.3780, -6.5740

Conversions

Conversions Part 2

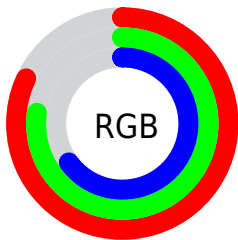
Format	Color
R _{YB}	186, 210, 167
Decimal	13813159
CIE Lab	79.85, -0.28, 16.70
CIE LCh	80, 16.704, 90.969
Yxy	56.4242, 0.3462, 0.3650
Android (android.graphics.Color)	4292003239 (0xFFD2C5A7)
YUV	197.4670, -15.0202, 10.9914
Hunter-Lab	75.1160, -4.2732, 17.3547

Details

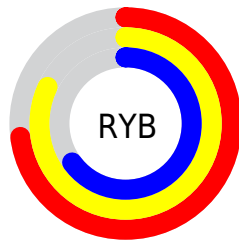
The XYZ color **53.5196, 56.4242, 44.6294** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.8901, 45.5099, 67.4439**, and the grayscale version is **53.4352, 56.2180, 61.2214**.

A 20% lighter version of the original color is **89.8666, 97.4175, 83.1742**, and **26.4345, 27.8513, 20.2022** is the 20% darker color. If you saturate the color by 10%, you get **50.3233, 52.8901, 34.7513**, and if you desaturate by 10%, it is **57.0948, 60.2109, 56.1905**.

Distribution



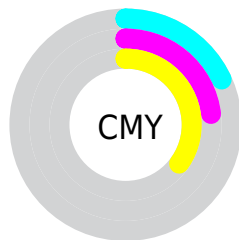
- Red (82%)
- Green (77%)
- Blue (65%)



- Red (73%)
- Yellow (82%)
- Blue (65%)



- Cyan (0%)
- Magenta (6%)
- Yellow (20%)
- Black (18%)



- Cyan (18%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5196, 56.4242, 44.6294 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 53.5196, 56.4242, 44.6294 by changing the saturation by 10% instead.

■ 53.5196, 56.4242,
44.6294

■ 53.5196, 56.4242,
44.6294

390.5037,
411.2882, 381.3868

■ 38.4469, 40.5431,
30.8248

■ 94.5296, 99.6245,
83.4766

■ 26.5085, 27.9623,
20.2081

■ 121.1975,
127.7126, 109.3562

■ 17.3391, 18.2972,
12.3608

152.4612,
160.6384, 140.0979

■ 10.5734, 11.1636,
6.8644

188.6860,
198.7864, 176.1203

■ 5.8459, 6.1770,
3.3003

230.2373,
242.5410, 217.8418

■ 2.7914, 2.9530,
1.2499

277.4805,

■ 1.0444, 1.1072,

292.2866, 265.6810

0.0202

330.7808,
348.4075, 320.0565

■ 0.0000, 0.0000,
0.0000

■ 53.5196, 56.4242,
44.6294

■ 53.5196, 56.4242,
44.6294

■ 50.3233, 52.8901,
34.7513

■ 57.0948, 60.2109,
56.1905

■ 47.4856, 49.5933,
26.4723

■ 61.0594, 64.2496,
69.5059

■ 44.9908, 46.5284,
19.7067

■ 65.4290, 68.5497,
84.6471

■ 42.8200, 43.6866,
14.3594

■ 70.2166, 73.1176,
101.6805

■ 40.9524, 41.0583,
10.3243

■ 72.5753, 76.8154,
105.6095

■ 39.3642, 38.6328,
7.4801

■ 74.3609, 80.3867,
106.2047

■ 38.0273, 36.3974,
5.6830

■ 76.2114, 84.0877,
106.8215

■ 36.9400, 34.4248,
4.6977

■ 78.1274, 87.9197,
107.4602

■ 80.1096, 91.8840,
108.1209

Harmonies

Analogous

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



56.8484, 56.4242, 46.5454



53.5196, 56.4242, 44.6294



50.3516, 56.4242, 46.8077

Triad

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



53.5196, 56.4242, 44.6294



48.2433, 56.4242, 71.5293



59.5202, 56.4242, 70.9272

Complementary

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



53.5196, 56.4242, 44.6294



43.8901, 45.5099, 67.4439

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.



57.0467, 56.4242, 78.8336



53.5196, 56.4242, 44.6294



50.5345, 56.4242, 79.2061

Square

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



53.5196, 56.4242, 44.6294



47.3853, 56.4242, 61.7519



53.7396, 56.4242, 82.0079



60.3996, 56.4242, 61.1219

Rectangle

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



53.5196, 56.4242, 44.6294



48.7338, 56.4242, 50.4360



53.7396, 56.4242, 82.0079



58.8426, 56.4242, 73.9300

Sweetspot

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



53.5211, 56.4267, 44.6306



91.2262, 96.1387, 95.9531



48.6987, 44.6602, 49.5643



19.4400, 20.4896, 20.2495



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.



53.5211, 56.4267, 44.6306



80.5904, 84.8704, 61.5686



54.4107, 61.4563, 45.5545



12.4893, 13.1693, 12.4957



22.6248, 21.1825, 2.8962



1.3330, 1.3203, 0.1846

Inverse Universe

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



43.8901, 45.5099, 67.4439



62.7730, 64.6773, 103.7832



43.1052, 41.3918, 66.6904



11.4508, 11.9919, 14.9548



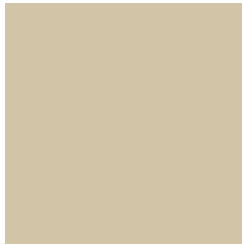
8.2737, 5.1940, 37.7590



0.5323, 0.4297, 2.1345

Previews

White Background



This preview shows how the XYZ color 53.5196, 56.4242, 44.6294 looks on a white background.

Color Contrast Check

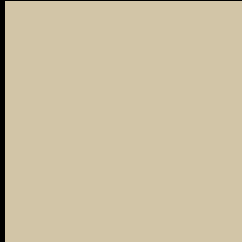
Large Text (above 18pt) WCAG AA × Fail

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 53.5196, 56.4242, 44.6294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

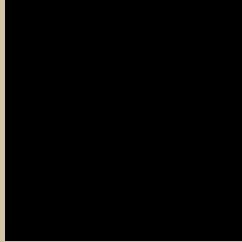
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

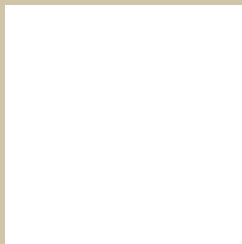
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5196, 56.4242, 44.6294

Background



This preview shows how black text looks on a background with the XYZ color 53.5196, 56.4242, 44.6294.

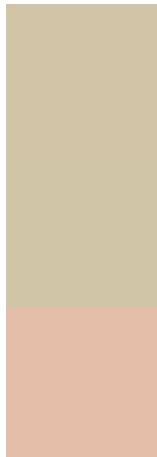


This preview shows how white text looks on a background with the XYZ color 53.5196, 56.4242,

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

53.5196, 56.4242, 44.6294

Protanopia

52.9537, 56.1324, 44.6029

Deuteranopia

57.4762, 56.1480, 44.8541



Tritanopia

57.7957, 56.1649, 66.1873

Trichromacy



Original Color

53.5196, 56.4242, 44.6294

Protanomaly

53.2358, 56.2778, 44.6161

Deuteranomaly

55.9566, 56.3392, 44.9711

Tritanomaly

56.0250, 56.0918, 57.7431

Monochromacy



Original Color

53.5196, 56.4242, 44.6294

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.1863, 56.0342, 54.4668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5196, 56.4242, 44.6294 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(210, 197, 167)` looks like.

```
.text, #text, p{  
    color:rgb(210, 197, 167)  
}
```

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(210, 197, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 197, 167) }
```

Border

The CSS property to change the border of an element to XYZ 53.5196, 56.4242, 44.6294 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(210, 197, 167) }
```


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

```
.border{ border-color:rgb(210, 197, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 197, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 197, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 197, 167);  
box-shadow:4px 4px 4px 4px rgb(210, 197,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5196, 56.4242, 44.6294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 197, 167) }
```

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

```
.background{ background-color: rgb(210,  
197, 167) }
```

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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