

Converting Colors

XYZ(54.9695, 56.3352, 44.2770)

Have a look what the booklet for
XYZ(54.9695, 56.3352, 44.2770)
contains.

| | |
|--|----|
| XYZ(54.7900, 56.0885, 44.0148) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(54.7900, 56.0885,
44.0148)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D9C2A6 |
| RGB | 217, 194, 166 |
| RGB Percent | 85%, 76%, 65% |
| CMY | 0.1490, 0.2392, 0.3490 |
| CMYK | 0.00, 0.11, 0.24, 0.15 |
| HSL | 33°, 40%, 75% |
| HSV | 33°, 24%, 85% |
| XYZ | 54.7900, 56.0885, 44.0148 |
| YIQ | 197.6850, 22.6960, -3.8320 |

Conversions

Conversions Part 2

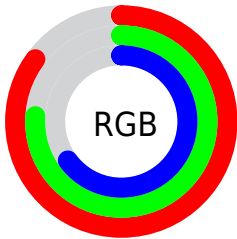
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 208, 217, 166 |
| Decimal | 14271142 |
| CIELab | 79.66, 3.78, 17.06 |
| CIELCh | 80, 17.472, 77.506 |
| Yxy | 56.0885, 0.3537, 0.3621 |
| Android (android.graphics.Color) | 4292461222 (0xFFD9C2A6) |
| YUV | 197.6850, -15.6207, 16.9393 |
| Hunter-Lab | 74.8923, -0.4736, 17.5794 |

Details

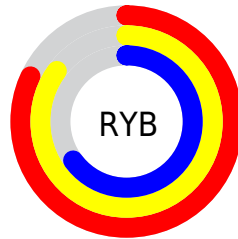
The XYZ color **54.7900, 56.0885, 44.0148** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.4475, 49.5106, 72.7544**, and the grayscale version is **53.5687, 56.3584, 61.3743**.

A 20% lighter version of the original color is **88.4768, 94.8517, 82.0516**, and **27.3156, 27.6525, 19.8174** is the 20% darker color. If you saturate the color by 10%, you get **50.8590, 51.1476, 33.6985**, and if you desaturate by 10%, it is **59.2033, 61.4557, 56.1502**.

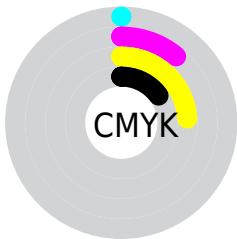
Distribution



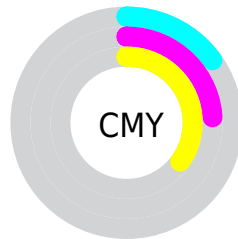
- Red (85%)
- Green (76%)
- Blue (65%)



- Red (82%)
- Yellow (85%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (24%)
- Black (15%)





- Cyan (15%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7900, 56.0885, 44.0148 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 54.7900, 56.0885, 44.0148 by changing the saturation by 10% instead.


 54.7900, 56.0885,
44.0148

 54.7900, 56.0885,
44.0148

395.2648,
410.0249, 378.8118

 39.4668, 40.2739,
30.3449


 96.3833, 99.1340,
82.5427

 27.3054, 27.7522,
19.8462


 123.3841,
127.1336, 108.2378

 17.9405, 18.1389,
12.1003


155.0082,
159.9637, 138.7783

 11.0067, 11.0498,
6.6887

191.6209,
198.0086, 174.5829

 6.1387, 6.1003,
3.1927

233.5875,
241.6529, 216.0699

 2.9710, 2.9062,
1.1939

281.2735,

 1.1385, 1.0829,

291.2807, 263.6581

0.0000

335.0441,
347.2766, 317.7659

■ 0.0569, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7900, 56.0885,
44.0148

■ 54.7900, 56.0885,
44.0148

■ 50.8590, 51.1476,
33.6985

■ 59.2033, 61.4557,
56.1502

■ 47.3862, 46.6131,
25.1081

■ 64.1127, 67.2530,
70.1847

■ 44.3521, 42.4745,
18.1474

■ 69.5371, 73.4942,
86.1974

■ 41.7334, 38.7181,
12.7094

■ 75.4928, 80.1897,
104.2622

■ 39.5047, 35.3287,
8.6738

■ 78.6942, 86.0294,
107.0654

■ 37.6366, 32.2896,
5.9021

■ 81.6997, 92.0403,
108.0673

■ 36.0944, 29.5818,
4.2266

■ 82.4254, 93.4918,
108.3092

■ 35.2309, 27.9829,
3.5444

Harmonies

Analogous

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



58.0205, 56.0885, 47.8493



54.7900, 56.0885, 44.0148



51.2979, 56.0885, 44.3688

Triad

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



54.7900, 56.0885, 44.0148



47.1053, 56.0885, 67.0967



58.4649, 56.0885, 75.1417

Complementary

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



54.7900, 56.0885, 44.0148



46.4475, 49.5106, 72.7544

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.



55.3749, 56.0885, 81.5126



54.7900, 56.0885, 44.0148



48.8625, 56.0885, 76.5279

Square

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



54.7900, 56.0885, 44.0148



46.9642, 56.0885, 56.9676



51.8578, 56.0885, 82.0462



60.2041, 56.0885, 65.3666

Rectangle

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



54.7900, 56.0885, 44.0148



49.2901, 56.0885, 46.9323



51.8578, 56.0885, 82.0462



57.5437, 56.0885, 77.7969

Sweetspot

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



54.7915, 56.0910, 44.0160



89.7940, 93.8751, 93.6228



51.5244, 45.7338, 54.7131



19.1263, 19.9833, 19.7713



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.



54.7915, 56.0910, 44.0160



76.1858, 77.3759, 56.0475



59.8087, 66.8717, 45.8324



13.6457, 14.2308, 13.7532



21.4338, 17.1532, 2.1812



1.4742, 1.2825, 0.1699

Inverse Universe

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



46.4475, 49.5106, 72.7544



62.2245, 66.3670, 104.1383



42.2459, 40.5749, 71.2510



12.8197, 13.5792, 16.5975



10.3191, 8.5076, 40.8367



0.7538, 0.7217, 2.6740

Previews

White Background



This preview shows how the XYZ color 54.7900, 56.0885, 44.0148 looks on a white background.

Color Contrast Check

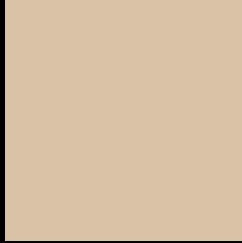
Large Text (above 18pt) WCAG AA × Fail

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 54.7900, 56.0885, 44.0148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

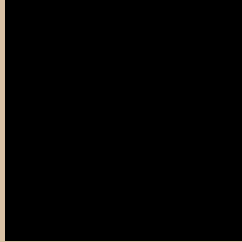
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7900, 56.0885, 44.0148

Background



This preview shows how black text looks on a background with the XYZ color 54.7900, 56.0885, 44.0148.



This preview shows how white text looks on a background with the XYZ color 54.7900, 56.0885,

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

54.7900, 56.0885, 44.0148

Protanopia

52.9537, 56.1324, 44.6029

Deuteranopia

57.0671, 55.9478, 44.3505



Tritanopia

59.1013, 56.2366, 64.2397

Trichromacy



Original Color

54.7900, 56.0885, 44.0148

Protanomaly

53.5789, 56.1188, 44.5673

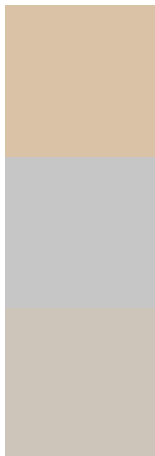
Deuteranomaly

56.0373, 55.7396, 44.3646

Tritanomaly

57.4403, 56.1950, 56.5345

Monochromacy



Original Color

54.7900, 56.0885, 44.0148

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.0060, 56.4568, 54.5052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7900, 56.0885, 44.0148 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(217, 194, 166) looks like.

```
.text, #text, p{  
    color:rgb(217, 194, 166)  
}
```

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(217, 194, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 194, 166) }
```

Border

The CSS property to change the border of an element to XYZ 54.7900, 56.0885, 44.0148 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(217, 194, 166) }
```


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

```
.border{ border-color:rgb(217, 194, 166) }
```

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

Here you see how a box with a 4 pixel rgb(217, 194, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 194, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 194, 166);  
box-shadow:4px 4px 4px 4px rgb(217, 194,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7900, 56.0885, 44.0148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 194, 166) }
```

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

```
.background{ background-color: rgb(217,  
194, 166) }
```

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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