

Converting Colors

XYZ(56.3472, 56.3278, 48.9883)

Have a look what the booklet for
XYZ(56.3472, 56.3278, 48.9883)
contains.

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Color

**XYZ(56.4216, 56.4902,
49.0042)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC1B0
RGB	220, 193, 176
RGB Percent	86%, 76%, 69%
CMY	0.1373, 0.2431, 0.3098
CMYK	0.00, 0.12, 0.20, 0.14
HSL	23°, 39%, 78%
HSV	23°, 20%, 86%
XYZ	56.4216, 56.4902, 49.0042
YIQ	199.1350, 21.5490, 0.4370

Conversions

Conversions Part 2

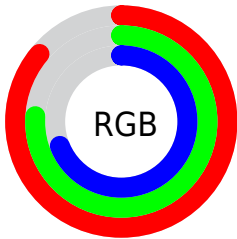
Format	Color
R _Y B	220, 204, 176
Decimal	14467504
CIE Lab	79.89, 6.89, 12.06
CIE LCh	80, 13.890, 60.271
Yxy	56.4902, 0.3485, 0.3489
Android (android.graphics.Color)	4292657584 (0xFFDCC1B0)
YUV	199.1350, -11.4056, 18.2986
Hunter-Lab	75.1600, 2.4677, 13.9550

Details

The XYZ color **56.4216, 56.4902, 49.0042** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **52.1781, 57.1076, 75.9832**, and the grayscale version is **54.4284, 57.2629, 62.3593**.

A 20% lighter version of the original color is **89.6812, 94.8376, 89.9227**, and **28.4703, 28.1856, 22.6787** is the 20% darker color. If you saturate the color by 10%, you get **51.5702, 49.9930, 37.5040**, and if you desaturate by 10%, it is **61.9012, 63.6783, 62.4555**.

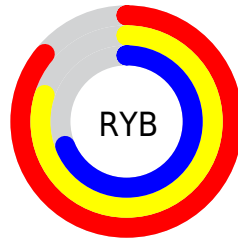
Distribution



Red (86%)

Green (76%)

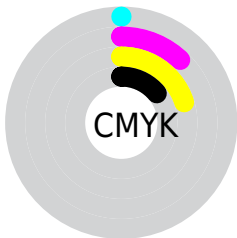
Blue (69%)



Red (86%)

Yellow (80%)

Blue (69%)

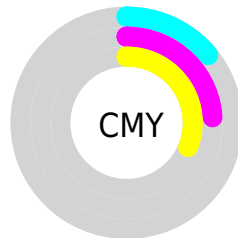


Cyan (0%)

Magenta (12%)

Yellow (20%)

Black (14%)



Cyan (14%)


Magenta (24%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4216, 56.4902, 49.0042 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 56.4216, 56.4902, 49.0042 by changing the saturation by 10% instead.


 56.4216, 56.4902,
49.0042

 56.4216, 56.4902,
49.0042


401.3277,
411.5363, 399.3818

 40.7794, 40.5961,
34.2572


 98.7570, 99.7209,
90.0787

 28.3336, 28.0036,
22.8123


126.1808,
127.8264, 117.2434

 18.7190, 18.3284,
14.2510


158.2626,
160.7710, 149.3842

 11.5702, 11.1860,
8.1547

195.3677,
198.9392, 186.9200

 6.5219, 6.1921,
4.1049

237.8613,
242.7155, 230.2690

 3.2086, 2.9622,
1.6831

286.1090,

 1.2650, 1.1120,

292.4841, 279.8500

0.3491

340.4760,
348.6296, 336.0814

■ 0.1568, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4216, 56.4902,
49.0042

■ 56.4216, 56.4902,
49.0042

■ 51.5702, 49.9930,
37.5040

■ 61.9012, 63.6783,
62.4555

■ 47.3183, 44.1578,
27.8596

■ 68.0272, 71.5700,
77.9401

■ 43.6414, 38.9647,
19.9730

■ 74.8228, 80.1872,
95.5397

■ 40.5116, 34.3898,
13.7355

■ 80.8250, 88.9551,
107.5179

■ 37.8980, 30.4075,
9.0262

■ 83.3253, 93.9557,
108.3513

■ 35.7663, 26.9902,
5.7075

■ 34.0768, 24.1069,
3.6162

■ 32.7657, 21.7165,
2.4648

■ 32.7656, 21.7164,
2.4647

Harmonies

Analogous

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



58.5043, 56.4902, 54.0197



56.4216, 56.4902, 49.0042



53.6667, 56.4902, 47.2716

Triad

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



56.4216, 56.4902, 49.0042



48.4590, 56.4902, 61.5815



56.4674, 56.4902, 75.8922

Complementary

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



56.4216, 56.4902, 49.0042



52.1781, 57.1076, 75.9832

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.



53.7178, 56.4902, 78.3498



56.4216, 56.4902, 49.0042



49.1516, 56.4902, 69.6586

Square

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



56.4216, 56.4902, 49.0042



49.1274, 56.4902, 54.1362



51.0524, 56.4902, 75.9766



58.5314, 56.4902, 69.5208

Rectangle

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



56.4216, 56.4902, 49.0042



51.8386, 56.4902, 48.0816



51.0524, 56.4902, 75.9766



55.5896, 56.4902, 77.2271

Sweetspot

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



56.4231, 56.4927, 49.0054



89.7618, 93.2098, 95.4649



55.8364, 50.5851, 63.4047



19.0939, 19.7973, 20.1341



0.0000, 0.0000, 0.0000



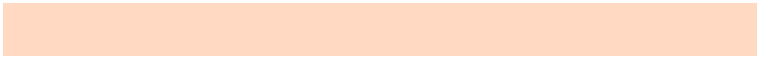
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.4231, 56.4927, 49.0054



75.8846, 75.0050, 61.3991



61.6185, 66.8836, 50.7372



13.4666, 13.8725, 13.6935



19.3301, 12.9458, 1.4800



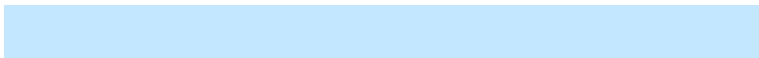
1.3343, 1.0027, 0.1232

Inverse Universe

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



52.1781, 57.1076, 75.9832



68.9203, 76.0098, 105.6466



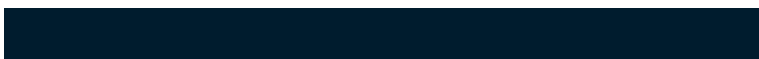
47.3744, 47.5001, 74.3819



13.0004, 13.9405, 16.6577



12.7755, 13.4205, 41.6555



0.9103, 1.0346, 2.7262

Previews

White Background



This preview shows how the XYZ color 56.4216, 56.4902, 49.0042 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 56.4216, 56.4902, 49.0042 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 56.4216, 56.4902, 49.0042

Background



This preview shows how black text looks on a background with the XYZ color 56.4216, 56.4902, 49.0042.



This preview shows how white text looks on a background with the XYZ color 56.4216, 56.4902,

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

56.4216, 56.4902, 49.0042

Protanopia

53.6836, 56.7243, 50.2389

Deuteranopia

57.5186, 56.4037, 48.9297



Tritanopia

59.5281, 56.4428, 64.8838

Trichromacy



Original Color

56.4216, 56.4902, 49.0042

Protanomaly

54.5397, 56.5031, 49.6266

Deuteranomaly

57.1175, 56.5218, 48.9737

Tritanomaly

58.2753, 56.2515, 58.8251

Monochromacy



Original Color

56.4216, 56.4902, 49.0042

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.1023, 56.9595, 57.3803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4216, 56.4902, 49.0042 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(220, 193, 176)` looks like.

```
.text, #text, p{  
    color:rgb(220, 193, 176)  
}
```

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(220, 193, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 193, 176) }
```

Border

The CSS property to change the border of an element to XYZ 56.4216, 56.4902, 49.0042 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(220, 193, 176) }
```


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

```
.border{ border-color:rgb(220, 193, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 193, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 193, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 193, 176);  
box-shadow:4px 4px 4px 4px rgb(220, 193,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4216, 56.4902, 49.0042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 193, 176) }
```

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

```
.background{ background-color: rgb(220,  
193, 176) }
```

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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