

Converting Colors

XYZ(56.1389, 56.5882, 48.1230)

Have a look what the booklet for
XYZ(56.1389, 56.5882, 48.1230)
contains.

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Color

**XYZ(56.1452, 56.6996,
48.0294)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC2AE
RGB	219, 194, 174
RGB Percent	86%, 76%, 68%
CMY	0.1412, 0.2392, 0.3176
CMYK	0.00, 0.11, 0.21, 0.14
HSL	27°, 38%, 77%
HSV	27°, 21%, 86%
XYZ	56.1452, 56.6996, 48.0294
YIQ	199.1950, 21.3200, -0.9200

Conversions

Conversions Part 2

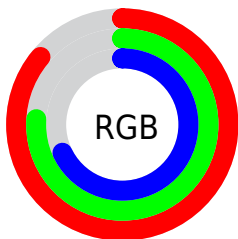
Format	Color
RYB	219, 210, 174
Decimal	14402222
CIELab	80.01, 5.69, 13.29
CIELCh	80, 14.456, 66.818
Yxy	56.6996, 0.3490, 0.3524
Android (android.graphics.Color)	4292592302 (0xFFDBC2AE)
YUV	199.1950, -12.4211, 17.3690
Hunter-Lab	75.2991, 1.3212, 14.8914

Details

The XYZ color **56.1452, 56.6996, 48.0294** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6649, 54.9588, 74.9561**, and the grayscale version is **54.4712, 57.3080, 62.4084**.

A 20% lighter version of the original color is **89.5685, 95.2884, 87.8005**, and **28.2008, 28.0538, 22.3409** is the 20% darker color. If you saturate the color by 10%, you get **51.5848, 50.7211, 36.8207**, and if you desaturate by 10%, it is **61.2785, 63.2657, 61.1477**.

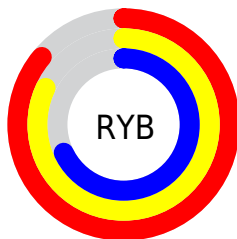
Distribution



Red (86%)

Green (76%)

Blue (68%)



Red (86%)

Yellow (82%)

Blue (68%)

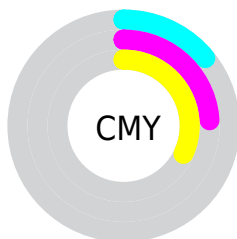


Cyan (0%)

Magenta (11%)

Yellow (21%)

Black (14%)



Cyan (14%)


Magenta (24%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1452, 56.6996, 48.0294 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 56.1452, 56.6996, 48.0294 by changing the saturation by 10% instead.


 56.1452, 56.6996,
48.0294

 56.1452, 56.6996,
48.0294


400.3046,
412.3227, 395.4207

 40.5568, 40.7641,
33.4900


 98.3554, 100.0267,
88.6142

 28.1591, 28.1348,
22.2279


125.7080,
128.1872, 115.4967

 18.5867, 18.4273,
13.8245


157.7126,
161.1914, 147.3306

 11.4742, 11.2572,
7.8614

194.7347,
199.4237, 184.5345

 6.4564, 6.2401,
3.9199

237.1396,
243.2687, 227.5269

 3.1678, 2.9916,
1.5815

285.2926,

 1.2431, 1.1274,

293.1105, 276.7264

0.2776

339.5592,
349.3337, 332.5515

■ 0.1400, 0.0011,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1452, 56.6996,
48.0294

■ 56.1452, 56.6996,
48.0294

■ 51.5848, 50.7211,
36.8207

■ 61.2785, 63.2657,
61.1477

■ 47.5705, 45.3054,
27.4277

■ 67.0009, 70.4283,
76.2564

■ 44.0801, 40.4366,
19.7534

■ 73.3335, 78.2057,
93.4361

■ 41.0880, 36.0954,
13.6907

■ 79.2138, 86.1805,
107.0672

■ 38.5658, 32.2609,
9.1200

■ 82.9690, 93.6910,
108.3190

■ 36.4818, 28.9106,
5.9048

■ 83.0236, 93.8002,
108.3372

■ 34.7991, 26.0190,
3.8831

■ 33.5211, 23.6751,
2.8030

Harmonies

Analogous

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



58.5401, 56.6996, 52.5417



56.1452, 56.6996, 48.0294



53.2236, 56.6996, 47.0285

Triad

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



56.1452, 56.6996, 48.0294



48.4758, 56.6996, 63.6764



57.3471, 56.6996, 75.6109

Complementary

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



56.1452, 56.6996, 48.0294



50.6649, 54.9588, 74.9561

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.



54.5645, 56.6996, 79.2292



56.1452, 56.6996, 48.0294



49.4953, 56.6996, 71.9453

Square

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



56.1452, 56.6996, 48.0294



48.8645, 56.6996, 55.5855



51.6985, 56.6996, 77.8303



59.2514, 56.6996, 68.3248

Rectangle

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



56.1452, 56.6996, 48.0294



51.3832, 56.6996, 48.3972



51.6985, 56.6996, 77.8303



56.4796, 56.6996, 77.3253

Sweetspot

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



56.1467, 56.7022, 48.0306



90.0321, 93.7504, 95.5550



54.7171, 49.4797, 61.0050



19.1577, 19.9249, 20.1554



0.0000, 0.0000, 0.0000



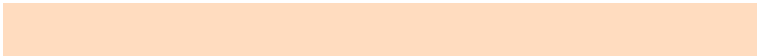
20.3446, 21.4041, 23.3091

Same Dimension

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



56.1467, 56.7022, 48.0306



76.1570, 76.0036, 60.0908



61.4098, 67.2283, 49.7850



13.5301, 13.9996, 13.7147



19.9818, 14.2492, 1.6972



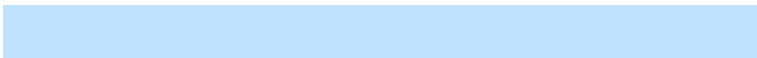
1.3796, 1.0932, 0.1383

Inverse Universe

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



50.6649, 54.9588, 74.9561



66.9752, 73.0816, 105.1839



45.9646, 45.5583, 73.3893



12.9354, 13.8106, 16.6361



11.7935, 11.4564, 41.3281



0.8495, 0.9131, 2.7059

Previews

White Background



This preview shows how the XYZ color 56.1452, 56.6996, 48.0294 looks on a white background.

Color Contrast Check

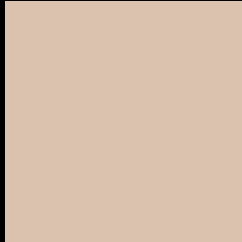
Large Text (above 18pt) WCAG AA × Fail

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 56.1452, 56.6996, 48.0294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

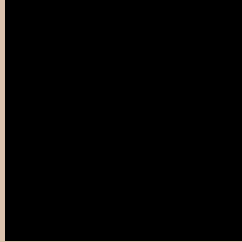
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1452, 56.6996, 48.0294

Background



This preview shows how black text looks on a background with the XYZ color 56.1452, 56.6996, 48.0294.



This preview shows how white text looks on a background with the XYZ color 56.1452, 56.6996,

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

56.1452, 56.6996, 48.0294

Protanopia

53.7627, 56.7882, 49.2019

Deuteranopia

57.7327, 56.5255, 48.4251



Tritanopia

59.7440, 56.8745, 64.9558

Trichromacy



Original Color

56.1452, 56.6996, 48.0294

Protanomaly

54.5681, 56.8765, 48.6597

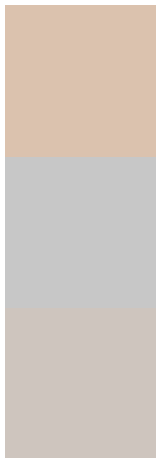
Deuteranomaly

57.0189, 56.4824, 48.4544

Tritanomaly

58.3806, 56.6415, 58.3080

Monochromacy



Original Color

56.1452, 56.6996, 48.0294

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.7141, 56.7720, 56.7896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1452, 56.6996, 48.0294 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(219, 194, 174)` looks like.

```
.text, #text, p{  
    color:rgb(219, 194, 174)  
}
```

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(219, 194, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 194, 174) }
```

Border

The CSS property to change the border of an element to XYZ 56.1452, 56.6996, 48.0294 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(219, 194, 174) }
```


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

```
.border{ border-color:rgb(219, 194, 174) }
```

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

Here you see how a box with a 4 pixel rgb(219, 194, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 194, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 194, 174);  
box-shadow:4px 4px 4px 4px rgb(219, 194,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1452, 56.6996, 48.0294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 194, 174) }
```

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

```
.background{ background-color: rgb(219,  
194, 174) }
```

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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