

Converting Colors

XYZ(56.0544, 58.1419, 41.5258)

Have a look what the booklet for
XYZ(56.0544, 58.1419, 41.5258)
contains.

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Color

**XYZ(56.0544, 58.1419,
41.5258)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC6A0
RGB	220, 198, 160
RGB Percent	86%, 78%, 63%
CMY	0.1373, 0.2235, 0.3725
CMYK	0.00, 0.10, 0.27, 0.14
HSL	38°, 46%, 75%
HSV	38°, 27%, 86%
XYZ	56.0544, 58.1419, 41.5258
YIQ	200.2460, 25.3100, -7.1540

Conversions

Conversions Part 2

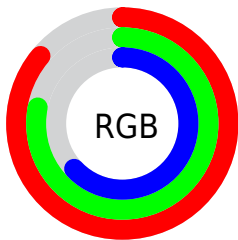
Format	Color
RYB	195, 220, 160
Decimal	14468768
CIELab	80.82, 1.98, 21.89
CIElCh	81, 21.978, 84.819
Yxy	58.1419, 0.3600, 0.3734
Android (android.graphics.Color)	4292658848 (0xFFDCC6A0)
YUV	200.2460, -19.8413, 17.3243
Hunter-Lab	76.2508, -2.2180, 21.0866

Details

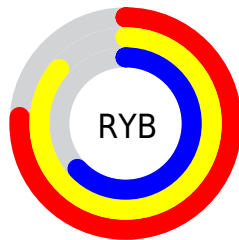
The XYZ color **56.0544, 58.1419, 41.5258** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.1429, 46.0953, 74.2809**, and the grayscale version is **55.1601, 58.0328, 63.1977**.

A 20% lighter version of the original color is **89.2657, 97.6863, 78.4405**, and **27.9899, 28.9217, 18.2946** is the 20% darker color. If you saturate the color by 10%, you get **52.5034, 53.8520, 31.6726**, and if you desaturate by 10%, it is **60.0472, 62.7697, 53.2078**.

Distribution



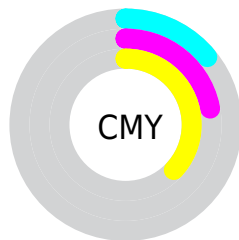
- Red (86%)
- Green (78%)
- Blue (63%)



- Red (76%)
- Yellow (86%)
- Blue (63%)



- Cyan (0%)
- Magenta (10%)
- Yellow (27%)
- Black (14%)





- Cyan (14%)
- Magenta (22%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0544, 58.1419, 41.5258 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 56.0544, 58.1419, 41.5258 by changing the saturation by 10% instead.


 56.0544, 58.1419,
41.5258


 56.0544, 58.1419,
41.5258


399.9682,
417.7145, 368.2549

 40.4837, 41.9227,
28.4074


 98.2235, 102.1295,
78.7438

 28.1018, 29.0408,
18.3913


 125.5525,
130.6667, 103.6804

 18.5432, 19.1117,
11.0589


157.5318,
164.0787, 133.3935

 11.4427, 11.7510,
5.9918

194.5266,
202.7499, 168.3016

 6.4349, 6.5744,
2.7714

236.9023,
247.0646, 208.8232

 3.1545, 3.1974,
0.9791

285.0242,

 1.2360, 1.2356,

297.4074, 255.3770

0.0000

339.2577,
354.1626, 308.3814

■ 0.1345, 0.0905,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0544, 58.1419,
41.5258

■ 56.0544, 58.1419,
41.5258

■ 52.5034, 53.8520,
31.6726

■ 60.0472, 62.7697,
53.2078

■ 49.3703, 49.8818,
23.5495

■ 64.4953, 67.7370,
66.8031

■ 46.6353, 46.2231,
17.0541

■ 69.4174, 73.0557,
82.3952

■ 44.2751, 42.8639,
12.0712

■ 74.8294, 78.7343,
100.0616

■ 42.2636, 39.7912,
8.4707

■ 78.2359, 83.7769,
106.6548

■ 40.5701, 36.9901,
6.1002

■ 80.6411, 88.5875,
107.4566

■ 39.1546, 34.4418,
4.7566

■ 83.1530, 93.6112,
108.2939

■ 38.7989, 33.7830,
4.4758

■ 83.3252, 93.9557,
108.3513

Harmonies

Analogous

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



60.4470, 58.1419, 44.9891



56.0544, 58.1419, 41.5258



51.6776, 58.1419, 43.2146

Triad

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



56.0544, 58.1419, 41.5258



47.7100, 58.1419, 74.3935



62.7101, 58.1419, 78.8348

Complementary

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



56.0544, 58.1419, 41.5258



44.1429, 46.0953, 74.2809

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.



59.0087, 58.1419, 88.8233



56.0544, 58.1419, 41.5258



50.3826, 58.1419, 86.0230

Square

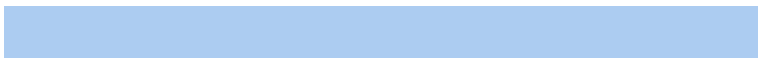
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.0544, 58.1419, 41.5258



47.0146, 58.1419, 61.0752



54.4774, 58.1419, 91.6186



64.4218, 58.1419, 65.5918

Rectangle

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



56.0544, 58.1419, 41.5258



49.3334, 58.1419, 47.1740



54.4774, 58.1419, 91.6186



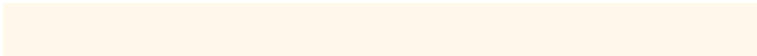
61.6478, 58.1419, 82.7525

Sweetspot

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



56.0559, 58.1445, 41.5270



89.5982, 94.0761, 91.7308



50.5299, 43.7353, 50.0351



18.9686, 19.9054, 18.9867



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.



56.0559, 58.1445, 41.5270



75.2729, 77.5877, 49.4618



59.0900, 67.7216, 43.2157



13.7401, 14.4195, 13.7846



22.8803, 20.0461, 2.6634



1.5634, 1.4609, 0.1996

Inverse Universe

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



44.1429, 46.0953, 74.2809



55.8616, 57.9605, 102.8510



41.6381, 38.6345, 72.9728



12.7276, 13.3949, 16.5668



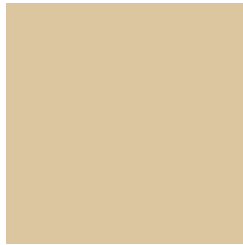
9.3906, 6.6506, 40.5272



0.6889, 0.5920, 2.6524

Previews

White Background



This preview shows how the XYZ color 56.0544, 58.1419, 41.5258 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 56.0544, 58.1419, 41.5258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

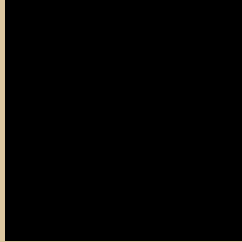
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0544, 58.1419, 41.5258

Background



This preview shows how black text looks on a background with the XYZ color 56.0544, 58.1419, 41.5258.



This preview shows how white text looks on a background with the XYZ color 56.0544, 58.1419,

41.5258.

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

56.0544, 58.1419, 41.5258

Protanopia

54.5279, 58.0279, 42.0448

Deuteranopia

59.4347, 58.2056, 41.8205



Tritanopia

61.4762, 58.3730, 67.0585

Trichromacy



Original Color

56.0544, 58.1419, 41.5258

Protanomaly

55.1753, 58.0190, 42.0089

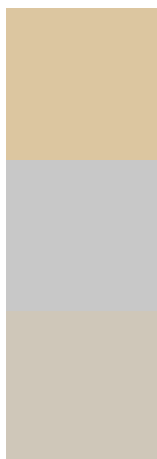
Deuteranomaly

58.2612, 58.2614, 41.8931

Tritanomaly

59.3265, 58.1486, 56.8121

Monochromacy



Original Color

56.0544, 58.1419, 41.5258

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.9125, 57.6150, 54.1256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0544, 58.1419, 41.5258 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, 198, 160)` looks like.

```
.text, #text, p{  
    color:rgb(220, 198, 160)  
}
```

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, 198, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 198, 160) }
```

Border

The CSS property to change the border of an element to XYZ 56.0544, 58.1419, 41.5258 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, 198, 160) }
```


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

```
.border{ border-color:rgb(220, 198, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 198, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 198, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 198, 160);  
box-shadow:4px 4px 4px 4px rgb(220, 198,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0544, 58.1419, 41.5258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 198, 160) }
```

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

```
.background{ background-color: rgb(220,  
198, 160) }
```

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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