

Converting Colors

XYZ(51.7857, 56.1434, 47.6426)

Have a look what the booklet for
XYZ(51.7857, 56.1434, 47.6426)
contains.

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Color

**XYZ(51.7857, 56.1433,
47.6425)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C7AD
RGB	200, 199, 173
RGB Percent	78%, 78%, 68%
CMY	0.2157, 0.2196, 0.3216
CMYK	0.00, 0.00, 0.13, 0.22
HSL	58°, 20%, 73%
HSV	58°, 13%, 78%
XYZ	51.7857, 56.1433, 47.6425
YIQ	196.3350, 8.9420, -7.8740

Conversions

Conversions Part 2

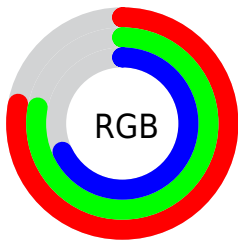
Format	Color
RYB	174, 200, 173
Decimal	13158317
CIELab	79.70, -4.10, 13.16
CIElCh	80, 13.781, 107.323
Yxy	56.1433, 0.3329, 0.3609
Android (android.graphics.Color)	4291348397 (0xFFC8C7AD)
YUV	196.3350, -11.5042, 3.2142
Hunter-Lab	74.9288, -7.7584, 14.7514

Details

The XYZ color **51.7857, 56.1433, 47.6425** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.7950, 43.3258, 60.7514**, and the grayscale version is **52.7349, 55.4812, 60.4190**.

A 20% lighter version of the original color is **91.0036, 98.3814, 87.5919**, and **25.4306, 27.7423, 22.1036** is the 20% darker color. If you saturate the color by 10%, you get **49.8247, 55.0898, 38.1450**, and if you desaturate by 10%, it is **54.0403, 57.3193, 58.6686**.

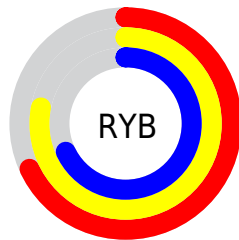
Distribution



Red (78%)

Green (78%)

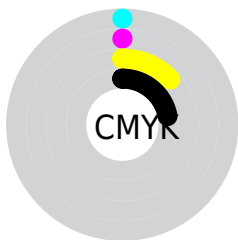
Blue (68%)



Red (68%)

Yellow (78%)

Blue (68%)

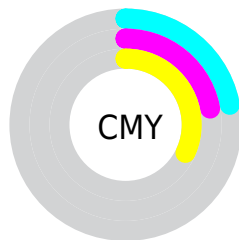


Cyan (0%)

Magenta (0%)

Yellow (13%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7857, 56.1433, 47.6425 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 51.7857, 56.1433, 47.6425 by changing the saturation by 10% instead.

■ 51.7857, 56.1433,
47.6425

■ 51.7857, 56.1433,
47.6425

383.9463,
410.2313, 393.8411

■ 37.0579, 40.3178,
33.1859

■ 91.9912, 99.2141,
88.0319

■ 25.4262, 27.7864,
21.9966

118.1996,
127.2281, 114.8017

■ 16.5253, 18.1647,
13.6561

148.9656,
160.0739, 146.5131

■ 9.9898, 11.0683,
7.7459

184.6545,
198.1357, 183.5844

■ 5.4544, 6.1128,
3.8473

225.6316,
241.7979, 226.4344

■ 2.5537, 2.9138,
1.5420

272.2624,

■ 0.9224, 1.0869,

291.4450, 275.4815

0.2489

324.9122,
347.4614, 331.1442

■ 0.0000, 0.0000,
0.0000

■ 51.7857, 56.1433,
47.6425

■ 51.7857, 56.1433,
47.6425

■ 49.8247, 55.0898,
38.1450

■ 54.0403, 57.3193,
58.6686

■ 48.1400, 54.1462,
30.1048

■ 56.5959, 58.6153,
71.2829

■ 46.7192, 53.3095,
23.4505

■ 59.4656, 60.0381,
85.5465

■ 45.5474, 52.5737,
18.1033

■ 62.6600, 61.5922,
101.5161

■ 44.6081, 51.9322,
13.9763

■ 63.1535, 62.0672,
103.2594

■ 43.8828, 51.3776,
10.9723

■ 63.3279, 62.4159,
103.3175

■ 43.3503, 50.9014,
8.9791

■ 63.5031, 62.7663,
103.3759

■ 42.9847, 50.4933,
7.8614

■ 63.6791, 63.1183,
103.4345

■ 42.8061, 50.2524,
7.4436

■ 63.8559, 63.4720,
103.4935

Harmonies

Analogous

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



54.5449, 56.1433, 47.3708



51.7857, 56.1433, 47.6425



49.5261, 56.1433, 51.3240

Triad

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



51.7857, 56.1433, 47.6425



49.8185, 56.1433, 73.0978



58.7526, 56.1433, 64.5540

Complementary

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



51.7857, 56.1433, 47.6425



42.7950, 43.3258, 60.7514

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.



57.3921, 56.1433, 72.1128



51.7857, 56.1433, 47.6425



52.1974, 56.1433, 77.3259

Square

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



51.7857, 56.1433, 47.6425



48.4177, 56.1433, 65.8060



54.9710, 56.1433, 76.9505



58.6330, 56.1433, 56.6819

Rectangle

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



51.7857, 56.1433, 47.6425



48.5780, 56.1433, 55.4132



54.9710, 56.1433, 76.9505



58.4513, 56.1433, 67.2282

Sweetspot

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



51.7872, 56.1458, 47.6437



93.3310, 99.1205, 100.4393



46.4379, 45.2370, 46.5084



19.9095, 21.1813, 21.1684



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.



51.7872, 56.1458, 47.6437



88.6848, 96.6885, 77.7409



48.8999, 54.9987, 47.5745



11.4891, 12.3473, 11.3405



27.2324, 31.9821, 4.7379



1.3002, 1.5358, 0.2279

Inverse Universe

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



42.7950, 43.3258, 60.7514



70.3204, 70.5071, 104.5107



45.4134, 44.3910, 60.8190



10.0875, 10.3491, 13.3834



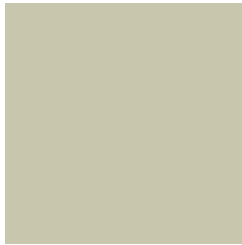
6.6942, 2.7822, 34.9286



0.3282, 0.1541, 1.6576

Previews

White Background



This preview shows how the XYZ color 51.7857, 56.1433, 47.6425 looks on a white background.

Color Contrast Check

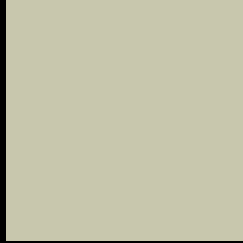
Large Text (above 18pt) WCAG AA × Fail

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 51.7857, 56.1433, 47.6425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

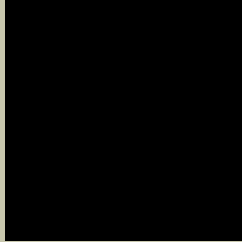
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

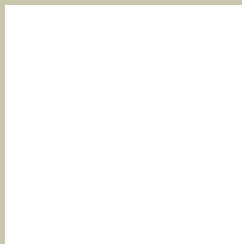
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.7857, 56.1433, 47.6425

Background



This preview shows how black text looks on a background with the XYZ color 51.7857, 56.1433, 47.6425.



This preview shows how white text looks on a background with the XYZ color 51.7857, 56.1433,

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

51.7857, 56.1433, 47.6425

Protanopia

53.1448, 56.1765, 47.0718

Deuteranopia

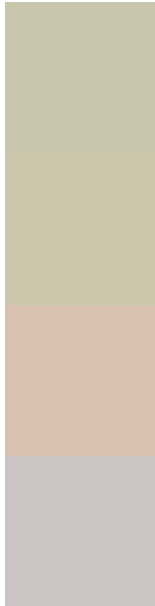
57.2027, 55.9296, 48.3380



Tritanopia

55.9772, 56.1662, 68.2124

Trichromacy



Original Color

51.7857, 56.1433, 47.6425

Protanomaly

52.5423, 56.2041, 47.1089

Deuteranomaly

55.0288, 55.7949, 47.9135

Tritanomaly

54.3323, 56.1619, 60.2013

Monochromacy



Original Color

51.7857, 56.1433, 47.6425

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.0693, 55.4337, 55.5324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7857, 56.1433, 47.6425 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(200, 199, 173)` looks like.

```
.text, #text, p{  
    color:rgb(200, 199, 173)  
}
```

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(200, 199, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 199, 173) }
```

Border

The CSS property to change the border of an element to XYZ 51.7857, 56.1433, 47.6425 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(200, 199, 173) }
```


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

```
.border{ border-color:rgb(200, 199, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 199, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 199, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 199, 173);  
box-shadow:4px 4px 4px 4px rgb(200, 199,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7857, 56.1433, 47.6425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 199, 173) }
```

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

```
.background{ background-color: rgb(200,  
199, 173) }
```

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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