

Converting Colors

XYZ(56.8049, 63.9987, 43.1092)

Have a look what the booklet for
XYZ(56.8049, 63.9987, 43.1092)
contains.

XYZ(56.8056, 63.8633, 43.0511)	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(56.8056, 63.8633,
43.0511)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D5A1
RGB	210, 213, 161
RGB Percent	82%, 84%, 63%
CMY	0.1765, 0.1647, 0.3686
CMYK	0.01, 0.00, 0.24, 0.16
HSL	63°, 38%, 73%
HSV	63°, 24%, 84%
XYZ	56.8056, 63.8633, 43.0511
YIQ	206.1750, 14.9040, -16.8080

Conversions

Conversions Part 2

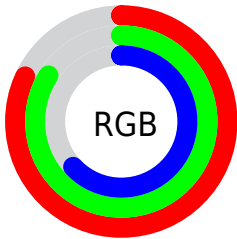
Format	Color
RYB	161, 213, 164
Decimal	13817249
CIELab	83.89, -9.41, 25.44
CIELCh	84, 27.125, 110.306
Yxy	63.8633, 0.3470, 0.3901
Android (android.graphics.Color)	4292007329 (0xFFD2D5A1)
YUV	206.1750, -22.2713, 3.3545
Hunter-Lab	79.9145, -12.9673, 23.9998

Details

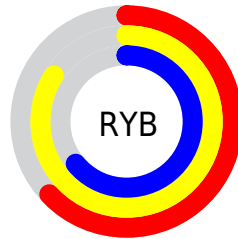
The XYZ color **56.8056, 63.8633, 43.0511** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.0674, 38.1880, 68.2136**, and the grayscale version is **58.9112, 61.9791, 67.4953**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **28.5047, 32.5264, 19.2439** is the 20% darker color. If you saturate the color by 10%, you get **54.7366, 62.9976, 33.9705**, and if you desaturate by 10%, it is **59.2007, 64.8641, 53.8199**.

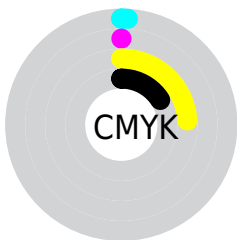
Distribution



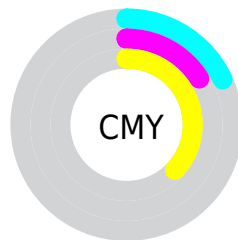
- Red (82%)
- Green (84%)
- Blue (63%)



- Red (63%)
- Yellow (84%)
- Blue (64%)



- Cyan (1%)
- Magenta (0%)
- Yellow (24%)
- Black (16%)





- Cyan (18%)
- Magenta (16%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.8056, 63.8633, 43.0511 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 56.8056, 63.8633, 43.0511 by changing the saturation by 10% instead.


 56.8056, 63.8633,
43.0511

 56.8056, 63.8633,
43.0511


402.7464,
438.6958, 374.7493

 41.0887, 46.5400,
29.5935


 99.3145, 110.4140,
81.0752

 28.5764, 32.6721,
19.2808


 126.8372,
140.4102, 106.4787

 18.9033, 21.8754,
11.6945

159.0259,
175.3995, 136.7013

 11.7040, 13.7654,
6.4160

196.2459,
215.7663, 172.1615

 6.6132, 7.9577,
3.0268

238.8626,
261.8949, 213.2779

 3.2656, 4.0679,
1.1083

287.2413,

 1.2957, 1.7116,

314.1697, 260.4689

0.0000

341.7475,
372.9753, 314.1532

■ 0.1800, 0.4312,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8056, 63.8633,
43.0511

■ 56.8056, 63.8633,
43.0511

■ 54.7366, 62.9976,
33.9705

■ 59.2007, 64.8641,
53.8199

■ 52.9724, 62.2519,
26.4886

■ 61.9319, 65.9976,
66.3521

■ 51.4972, 61.6221,
20.5139

■ 65.0150, 67.2721,
80.7233

■ 50.2913, 61.1003,
15.9440

■ 68.4634, 68.6930,
97.0038

■ 49.3330, 60.6779,
12.6637

■ 70.2101, 69.4336,
104.3093

■ 48.5970, 60.3447,
10.5398

■ 70.5755, 69.6220,
104.3264

■ 48.0524, 60.0884,
9.4102

■ 70.9436, 69.8117,
104.3436

■ 47.8017, 59.9668,
9.0553

■ 71.3144, 70.0029,
104.3610

■ 71.6880, 70.1955,
104.3785

Harmonies

Analogous

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



62.6525, 63.8633, 41.9189



56.8056, 63.8633, 43.0511



52.2941, 63.8633, 50.5927

Triad

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



56.8056, 63.8633, 43.0511



53.6641, 63.8633, 98.0032



72.7247, 63.8633, 75.2167

Complementary

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



56.8056, 63.8633, 43.0511



40.0674, 38.1880, 68.2136

Split Complementary

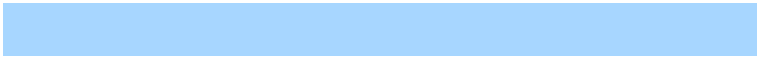
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.9619, 63.8633, 92.7013



56.8056, 63.8633, 43.0511



58.7888, 63.8633, 107.2085

Square

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



56.8056, 63.8633, 43.0511



50.5646, 63.8633, 81.5719



64.7688, 63.8633, 105.1236



72.1070, 63.8633, 58.7469

Rectangle

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



56.8056, 63.8633, 43.0511



50.5275, 63.8633, 59.0416



64.7688, 63.8633, 105.1236



72.1540, 63.8633, 81.2062

Sweetspot

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



56.8072, 63.8661, 43.0525



91.9296, 98.7081, 94.4431



47.0797, 43.1289, 39.5625



19.6218, 21.1048, 19.9617



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.



56.8072, 63.8661, 43.0525



83.7910, 95.3168, 57.7247



50.0927, 60.4047, 42.7382



13.3987, 14.4817, 13.2498



29.2281, 36.6440, 5.5325



1.7849, 2.2216, 0.3347

Inverse Universe

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



40.0674, 38.1880, 68.2136



54.6696, 50.6426, 101.5013



45.8925, 41.1910, 68.4862



11.8084, 12.0426, 15.6396



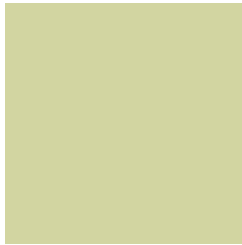
7.4600, 2.9983, 38.6387



0.4739, 0.1932, 2.3316

Previews

White Background



This preview shows how the XYZ color 56.8056, 63.8633, 43.0511 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 56.8056, 63.8633, 43.0511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

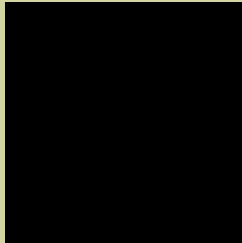
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

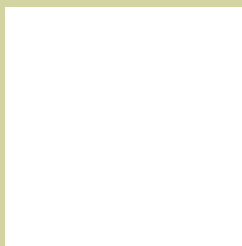
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8056, 63.8633, 43.0511

Background



This preview shows how black text looks on a background with the XYZ color 56.8056, 63.8633, 43.0511.



This preview shows how white text looks on a background with the XYZ color 56.8056, 63.8633,

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

56.8056, 63.8633, 43.0511

Protanopia

59.7989, 63.9514, 41.9930

Deuteranopia

65.2437, 63.8661, 44.0106



Tritanopia

63.7959, 63.7885, 77.3566

Trichromacy



Original Color

56.8056, 63.8633, 43.0511

Protanomaly

58.6052, 63.6913, 42.4625

Deuteranomaly

61.7209, 63.4628, 43.6468

Tritanomaly

60.8890, 63.6823, 63.1156

Monochromacy



Original Color

56.8056, 63.8633, 43.0511

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.8269, 62.5840, 57.7473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8056, 63.8633, 43.0511 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(210, 213, 161)` looks like.

```
.text, #text, p{  
    color:rgb(210, 213, 161)  
}
```

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(210, 213, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 213, 161) }
```

Border

The CSS property to change the border of an element to XYZ 56.8056, 63.8633, 43.0511 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(210, 213, 161) }
```


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

```
.border{ border-color:rgb(210, 213, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 213, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 213, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 213, 161);  
box-shadow:4px 4px 4px 4px rgb(210, 213,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8056, 63.8633, 43.0511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 213, 161) }
```

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

```
.background{ background-color: rgb(210,  
213, 161) }
```

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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