

Converting Colors

XYZ(56.3006, 63.6708, 38.8711)

Have a look what the booklet for
XYZ(56.3006, 63.6708, 38.8711)
contains.

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Color

**XYZ(56.3257, 63.7044,
39.0333)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D598
RGB	211, 213, 152
RGB Percent	83%, 84%, 60%
CMY	0.1725, 0.1647, 0.4039
CMYK	0.01, 0.00, 0.29, 0.16
HSL	62°, 42%, 72%
HSV	62°, 29%, 84%
XYZ	56.3257, 63.7044, 39.0333
YIQ	205.4480, 18.3890, -19.3950

Conversions

Conversions Part 2

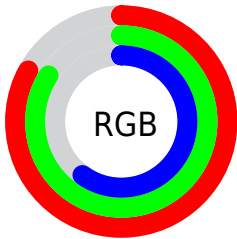
Format	Color
R_{YB}	152, 213, 154
Decimal	13882776
CIE _{Lab}	83.81, -10.24, 30.01
CIE _{LCh}	84, 31.713, 108.848
Yxy	63.7044, 0.3541, 0.4005
Android (android.graphics.Color)	4292072856 (0xFFD3D598)
YUV	205.4480, -26.3499, 4.8691
Hunter-Lab	79.8150, -13.7084, 26.8749

Details

The XYZ color **56.3257, 63.7044, 39.0333** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.5674, 34.1323, 67.6154**, and the grayscale version is **58.4696, 61.5145, 66.9893**.

A 20% lighter version of the original color is **88.2625, 97.2850, 73.1574**, and **28.2374, 32.4417, 16.8302** is the 20% darker color. If you saturate the color by 10%, you get **54.5360, 62.9676, 30.6464**, and if you desaturate by 10%, it is **58.4329, 64.5727, 49.0729**.

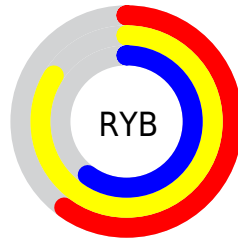
Distribution



Red (83%)

Green (84%)

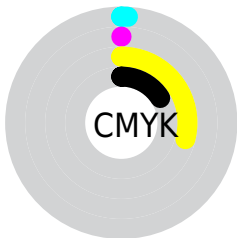
Blue (60%)



Red (60%)

Yellow (84%)

Blue (60%)

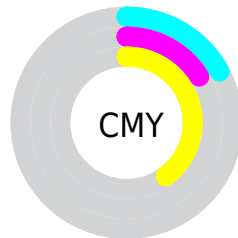


Cyan (1%)

Magenta (0%)

Yellow (29%)

Black (16%)



Cyan (17%)

Magenta (16%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3257, 63.7044, 39.0333 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 56.3257, 63.7044, 39.0333 by changing the saturation by 10% instead.


 56.3257, 63.7044,
39.0333


 56.3257, 63.7044,
39.0333


400.9729,
438.1214, 357.4622

 40.7021, 46.4113,
26.4776


 98.6177, 110.1851,
74.9101

 28.2731, 32.5705,
16.9523


 126.0168,
140.1415, 99.0683

 18.6731, 21.7976,
10.0389


158.0718,
175.0878, 127.9310

 11.5369, 13.7083,
5.3188

195.1481,
215.4084, 161.9169

 6.4991, 7.9180,
2.3735

237.6110,
261.4876, 201.4444

 3.1944, 4.0426,
0.7720

285.8259,

 1.2574, 1.6974,

313.7100, 246.9321

0.0000

340.1581,
372.4597, 298.7985

■ 0.1510, 0.4220,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3257, 63.7044,
39.0333

■ 56.3257, 63.7044,
39.0333

■ 54.5360, 62.9676,
30.6464

■ 58.4329, 64.5727,
49.0729

■ 53.0421, 62.3470,
23.8200

■ 60.8682, 65.5702,
60.8431

■ 51.8273, 61.8382,
18.4587

■ 63.6477, 66.7054,
74.4214

■ 50.8712, 61.4329,
14.4553

■ 66.7851, 67.9839,
89.8796

■ 50.1507, 61.1220,
11.6878

■ 69.7237, 69.1830,
104.2866

■ 49.6385, 60.8945,
10.0126

■ 69.9292, 69.2889,
104.2962

■ 49.2925, 60.7336,
9.2080

■ 70.1355, 69.3952,
104.3058

■ 49.2501, 60.7136,
9.1231

■ 70.3427, 69.5021,
104.3155

■ 70.5508, 69.6093,
104.3253

Harmonies

Analogous

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



63.1761, 63.7044, 38.1324



56.3257, 63.7044, 39.0333



51.0163, 63.7044, 47.0647

Triad

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



56.3257, 63.7044, 39.0333



52.1583, 63.7044, 102.4293



74.6591, 63.7044, 77.0479

Complementary

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



56.3257, 63.7044, 39.0333



36.5674, 34.1323, 67.6154

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.



71.2011, 63.7044, 97.7823



56.3257, 63.7044, 39.0333



57.9960, 63.7044, 114.1989

Square

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



56.3257, 63.7044, 39.0333



48.7407, 63.7044, 82.5036



64.9786, 63.7044, 112.3518



74.1255, 63.7044, 57.6979

Rectangle

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



56.3257, 63.7044, 39.0333



48.9003, 63.7044, 56.4254



64.9786, 63.7044, 112.3518



73.9149, 63.7044, 84.1415

Sweetspot

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



56.3273, 63.7073, 39.0346



91.2956, 98.4662, 90.5753



44.5042, 39.2027, 34.9279



19.4198, 21.0262, 18.7983



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.



56.3273, 63.7073, 39.0346



83.0551, 95.0818, 51.1676



48.6338, 59.7411, 38.6746



13.4306, 14.4982, 13.2513



30.1003, 37.0936, 5.5733



1.8284, 2.2440, 0.3368

Inverse Universe

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



36.5674, 34.1323, 67.6154



48.9354, 44.0110, 100.5235



42.8920, 37.3928, 67.9113



11.7800, 12.0280, 15.6383



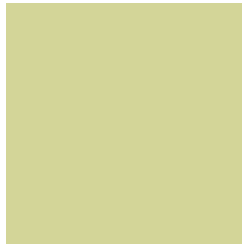
7.4067, 2.9708, 38.6362



0.4603, 0.1862, 2.3310

Previews

White Background



This preview shows how the XYZ color 56.3257, 63.7044, 39.0333 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 56.3257, 63.7044, 39.0333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

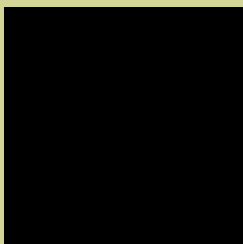
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

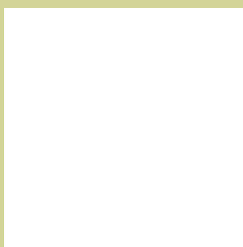
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3257, 63.7044, 39.0333

Background



This preview shows how black text looks on a background with the XYZ color 56.3257, 63.7044, 39.0333.



This preview shows how white text looks on a background with the XYZ color 56.3257, 63.7044,

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

56.3257, 63.7044, 39.0333

Protanopia

59.3568, 63.8105, 38.0424

Deuteranopia

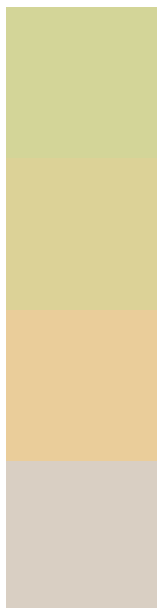
64.9284, 63.4493, 39.8352



Tritanopia

64.0263, 63.5687, 76.6056

Trichromacy



Original Color

56.3257, 63.7044, 39.0333

Protanomaly

58.1477, 63.5432, 38.4785

Deuteranomaly

61.5957, 63.4882, 39.5798

Tritanomaly

60.7784, 63.3175, 60.6479

Monochromacy



Original Color

56.3257, 63.7044, 39.0333

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.1509, 61.9223, 55.3944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3257, 63.7044, 39.0333 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(211, 213, 152)` looks like.

```
.text, #text, p{  
    color:rgb(211, 213, 152)  
}
```

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(211, 213, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 213, 152) }
```

Border

The CSS property to change the border of an element to XYZ 56.3257, 63.7044, 39.0333 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(211, 213, 152) }
```


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

```
.border{ border-color:rgb(211, 213, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 213, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 213, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 213, 152); box-shadow:4px 4px 4px 4px rgb(211, 213, 152) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3257, 63.7044, 39.0333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 213, 152) }
```

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

```
.background{ background-color: rgb(211,  
213, 152) }
```

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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