

Converting Colors

XYZ(56.9023, 64.0016, 39.0602)

Have a look what the booklet for
XYZ(56.9023, 64.0016, 39.0602)
contains.

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Color

**XYZ(56.9023, 64.0016,
39.0602)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D598
RGB	213, 213, 152
RGB Percent	84%, 84%, 60%
CMY	0.1647, 0.1647, 0.4039
CMYK	0.00, 0.00, 0.29, 0.16
HSL	60°, 42%, 72%
HSV	60°, 29%, 84%
XYZ	56.9023, 64.0016, 39.0602
YIQ	206.0460, 19.5810, -18.9710

Conversions

Conversions Part 2

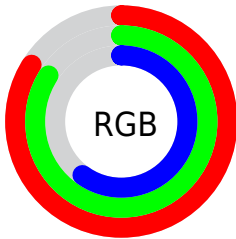
Format	Color
RYB	152, 213, 152
Decimal	14013848
CIELab	83.97, -9.48, 30.25
CIELCh	84, 31.699, 107.410
Yxy	64.0016, 0.3557, 0.4001
Android (android.graphics.Color)	4292203928 (0xFFD5D598)
YUV	206.0460, -26.6447, 6.0987
Hunter-Lab	80.0010, -13.0401, 27.0526

Details

The XYZ color **56.9023, 64.0016, 39.0602** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.1897, 33.9376, 67.5976**, and the grayscale version is **58.8535, 61.9184, 67.4292**.

A 20% lighter version of the original color is **88.2625, 97.2850, 73.1574**, and **28.6277, 32.6429, 16.8485** is the 20% darker color. If you saturate the color by 10%, you get **55.3123, 63.3678, 30.6827**, and if you desaturate by 10%, it is **58.8089, 64.7665, 49.0904**.

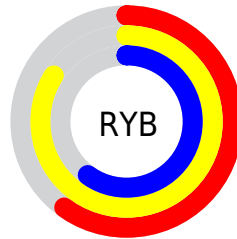
Distribution



Red (84%)

Green (84%)

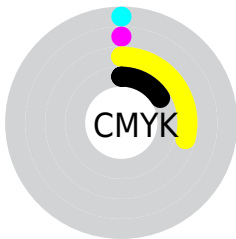
Blue (60%)



Red (60%)

Yellow (84%)

Blue (60%)

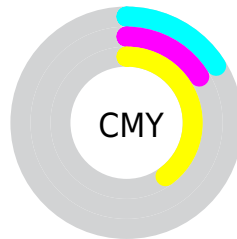


Cyan (0%)

Magenta (0%)

Yellow (29%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9023, 64.0016, 39.0602 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 56.9023, 64.0016, 39.0602 by changing the saturation by 10% instead.

■ 56.9023, 64.0016,
39.0602

■ 56.9023, 64.0016,
39.0602

403.1032,
439.1954, 357.5800

■ 41.1666, 46.6520,
26.4984

■ 99.4548, 110.6132,
74.9516

■ 28.6376, 32.7606,
16.9677

■ 127.0023,
140.6440, 99.1183

■ 18.9497, 21.9431,
10.0498

159.2179,
175.6707, 127.9904

■ 11.7377, 13.8151,
5.3259

196.4668,
216.0776, 161.9863

■ 6.6363, 7.9922,
2.3777

239.1145,
262.2491, 201.5247

■ 3.2800, 4.0899,
0.7743

287.5262,

■ 1.3035, 1.7240,

314.5696, 247.0241

0.0000

342.0673,
373.4236, 298.9030

■ 0.1858, 0.4391,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9023, 64.0016,
39.0602

■ 56.9023, 64.0016,
39.0602

■ 55.3123, 63.3678,
30.6827

■ 58.8089, 64.7665,
49.0904

■ 54.0172, 62.8497,
23.8656

■ 61.0428, 65.6602,
60.8511

■ 53.0003, 62.4428,
18.5136

■ 63.6201, 66.6911,
74.4200

■ 52.2413, 62.1392,
14.5194

■ 66.5543, 67.8649,
89.8687

■ 51.7170, 61.9294,
11.7611

■ 69.2889, 68.9588,
104.2662

■ 51.4001, 61.8026,
10.0950

■ 69.2894, 68.9590,
104.2662

■ 51.2485, 61.7419,
9.2995

■ 69.2899, 68.9593,
104.2662

■ 51.2325, 61.7355,
9.2159

■ 69.2905, 68.9596,
104.2663

■ 69.2910, 68.9598,
104.2663

Harmonies

Analogous

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



63.8052, 64.0016, 38.4940



56.9023, 64.0016, 39.0602



51.4731, 64.0016, 46.7703

Triad

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



56.9023, 64.0016, 39.0602



52.1907, 64.0016, 102.0004



74.8977, 64.0016, 78.4084

Complementary

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



56.9023, 64.0016, 39.0602



36.1897, 33.9376, 67.5976

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.



71.2608, 64.0016, 99.0809



56.9023, 64.0016, 39.0602



57.9519, 64.0016, 114.3511

Square

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



56.9023, 64.0016, 39.0602



48.8992, 64.0016, 81.8362



64.9377, 64.0016, 113.1907



74.5625, 64.0016, 58.8037

Rectangle

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



56.9023, 64.0016, 39.0602



49.2589, 64.0016, 55.9358



64.9377, 64.0016, 113.1907



74.0882, 64.0016, 85.5249

Sweetspot

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



56.9039, 64.0045, 39.0615



91.5719, 98.6087, 90.5882



44.3384, 38.8711, 34.8726



19.4884, 21.0616, 18.8015



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.



56.9039, 64.0045, 39.0615



84.0932, 95.6170, 51.2162



48.8739, 59.8648, 38.6857



13.4728, 14.5199, 13.2532



31.2934, 37.7086, 5.6292



1.8875, 2.2744, 0.3395

Inverse Universe

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



36.1897, 33.9376, 67.5976



48.3221, 43.6948, 100.4948



42.6501, 37.2680, 67.9000



11.7428, 12.0088, 15.6365



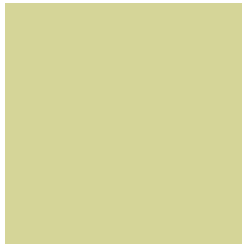
7.3366, 2.9347, 38.6329



0.4425, 0.1770, 2.3302

Previews

White Background



This preview shows how the XYZ color 56.9023, 64.0016, 39.0602 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 56.9023, 64.0016, 39.0602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

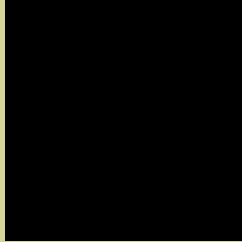
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9023, 64.0016, 39.0602

Background



This preview shows how black text looks on a background with the XYZ color 56.9023, 64.0016, 39.0602.



This preview shows how white text looks on a background with the XYZ color 56.9023, 64.0016,

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

56.9023, 64.0016, 39.0602

Protanopia

59.3568, 63.8105, 38.0424

Deuteranopia

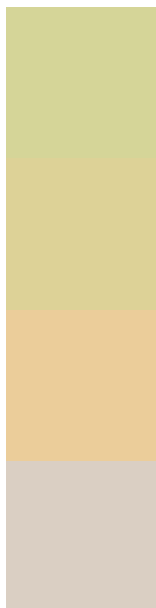
65.1608, 63.9140, 39.9126



Tritanopia

64.3299, 63.7252, 76.6198

Trichromacy



Original Color

56.9023, 64.0016, 39.0602

Protanomaly

58.4513, 63.6997, 38.4927

Deuteranomaly

61.9250, 63.6579, 39.5953

Tritanomaly

61.0766, 63.4712, 60.6618

Monochromacy



Original Color

56.9023, 64.0016, 39.0602

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.9579, 62.7014, 55.5022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9023, 64.0016, 39.0602 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(213, 213, 152)` looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 213, 152) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 56.9023, 64.0016, 39.0602 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(213, 213, 152) }
```


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

```
.border{ border-color:rgb(213, 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(213, 213, 152)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 56.9023, 64.0016, 39.0602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(213,  
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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