

Converting Colors

XYZ(57.9065, 64.3295, 39.3486)

Have a look what the booklet for
XYZ(57.9065, 64.3295, 39.3486)
contains.

XYZ(58.1593, 64.6401, 39.5485)	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(58.1593, 64.6401,
39.5485)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D599
RGB	217, 213, 153
RGB Percent	85%, 84%, 60%
CMY	0.1490, 0.1647, 0.4000
CMYK	0.00, 0.02, 0.29, 0.15
HSL	56°, 46%, 73%
HSV	56°, 29%, 85%
XYZ	58.1593, 64.6401, 39.5485
YIQ	207.3560, 21.6440, -17.8120

Conversions

Conversions Part 2

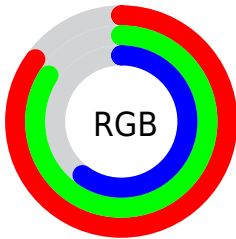
Format	Color
RYB	157, 217, 153
Decimal	14275993
CIELab	84.30, -7.83, 30.23
CIELCh	84, 31.227, 104.526
Yxy	64.6401, 0.3582, 0.3982
Android (android.graphics.Color)	4292466073 (0xFFD9D599)
YUV	207.3560, -26.7975, 8.4578
Hunter-Lab	80.3991, -11.5745, 27.1144

Details

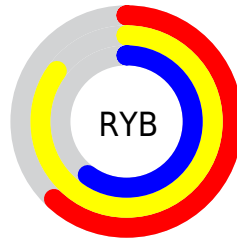
The XYZ color **58.1593, 64.6401, 39.5485** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.7181, 35.8952, 70.5863**, and the grayscale version is **59.6969, 62.8058, 68.3955**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **29.2738, 32.9704, 17.1329** is the 20% darker color. If you saturate the color by 10%, you get **56.1889, 63.3113, 30.8391**, and if you desaturate by 10%, it is **60.4618, 66.1108, 49.9782**.

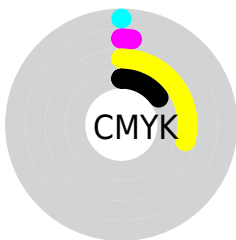
Distribution



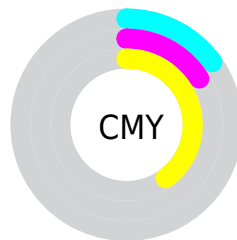
- Red (85%)
- Green (84%)
- Blue (60%)



- Red (62%)
- Yellow (85%)
- Blue (60%)



- Cyan (0%)
- Magenta (2%)
- Yellow (29%)
- Black (15%)





- Cyan (15%)
- Magenta (16%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1593, 64.6401, 39.5485 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 58.1593, 64.6401, 39.5485 by changing the saturation by 10% instead.


 58.1593, 64.6401,
39.5485


 58.1593, 64.6401,
39.5485


407.7236,
441.4975, 359.7122

 42.1805, 47.1693,
26.8756


 101.2764,
111.5323, 75.7050

 29.4344, 33.1695,
17.2482


 129.1455,
141.7224, 100.0258

 19.5556, 22.2563,
10.2478


161.7086,
176.9212, 129.0661

 12.1788, 14.0454,
5.4558

199.3312,
217.5129, 163.2448

 6.9386, 8.1522,
2.4537

242.3787,
263.8820, 202.9801

 3.4697, 4.1925,
0.8155

291.2163,

 1.4068, 1.7818,

316.4129, 248.6908

0.0000

346.2095,
375.4899, 300.7953

■ 0.2610, 0.4758,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1593, 64.6401,
39.5485

■ 58.1593, 64.6401,
39.5485

■ 56.1889, 63.3113,
30.8391

■ 60.4618, 66.1108,
49.9782

■ 54.5281, 62.1086,
23.7527

■ 63.1078, 67.7212,
62.2103

■ 53.1590, 61.0272,
18.1889

■ 66.1143, 69.4804,
76.3263

■ 52.0601, 60.0583,
14.0341

■ 69.4956, 71.3941,
92.4018

■ 51.2069, 59.1923,
11.1590

■ 72.2004, 73.0418,
104.9008

■ 50.5703, 58.4173,
9.4106

■ 72.5568, 73.7547,
105.0197

■ 50.1013, 57.7139,
8.5309

■ 72.9162, 74.4735,
105.1395

■ 50.0789, 57.6789,
8.4937

■ 73.2785, 75.1980,
105.2602

■ 73.6436, 75.9283,
105.3819

Harmonies

Analogous

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



65.0593, 64.6401, 39.6597



58.1593, 64.6401, 39.5485



52.5675, 64.6401, 46.5485

Triad

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



58.1593, 64.6401, 39.5485



52.4274, 64.6401, 100.6478



75.1832, 64.6401, 81.0526

Complementary

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



58.1593, 64.6401, 39.5485



37.7181, 35.8952, 70.5863

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.



71.2552, 64.6401, 101.2147



58.1593, 64.6401, 39.5485



57.9545, 64.6401, 113.8947

Square

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



58.1593, 64.6401, 39.5485



49.4308, 64.6401, 80.3853



64.8387, 64.6401, 114.1197



75.2484, 64.6401, 61.2452

Rectangle

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



58.1593, 64.6401, 39.5485



50.1861, 64.6401, 55.2238



64.8387, 64.6401, 114.1197



74.2584, 64.6401, 88.0877

Sweetspot

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



58.1609, 64.6430, 39.5499



91.1173, 97.6984, 90.4365



46.1157, 39.9784, 37.3047



19.3755, 20.8354, 18.7638



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.



58.1609, 64.6430, 39.5499



82.1085, 92.0209, 49.3905



51.6156, 62.7789, 39.5350



14.0890, 15.1174, 13.9009



30.3443, 34.9741, 5.1514



1.9874, 2.3088, 0.3409

Inverse Universe

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



37.7181, 35.8952, 70.5863



48.3471, 44.5472, 100.6580



42.9099, 37.5846, 70.6388



12.4036, 12.7470, 16.4588



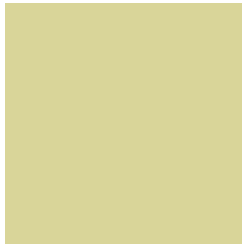
7.6993, 3.2680, 39.9634



0.5223, 0.2587, 2.5968

Previews

White Background



This preview shows how the XYZ color 58.1593, 64.6401, 39.5485 looks on a white background.

Color Contrast Check

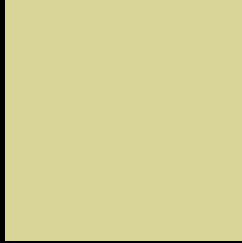
Large Text (above 18pt) WCAG AA × Fail

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 58.1593, 64.6401, 39.5485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

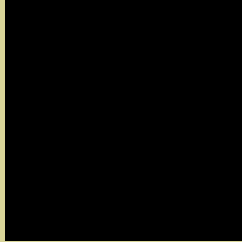
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1593, 64.6401, 39.5485

Background



This preview shows how black text looks on a background with the XYZ color 58.1593, 64.6401, 39.5485.



This preview shows how white text looks on a background with the XYZ color 58.1593, 64.6401,

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

58.1593, 64.6401, 39.5485

Protanopia

60.0781, 64.5289, 38.9946

Deuteranopia

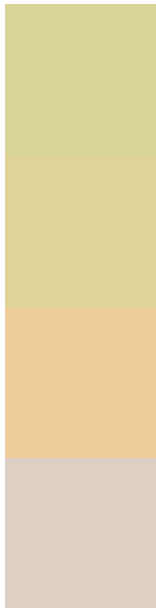
65.7483, 64.5641, 40.0071



Tritanopia

65.5625, 64.3606, 76.6775

Trichromacy



Original Color

58.1593, 64.6401, 39.5485

Protanomaly

59.3932, 64.5435, 39.0335

Deuteranomaly

62.8291, 64.4802, 39.7063

Tritanomaly

62.4008, 64.1408, 61.3161

Monochromacy



Original Color

58.1593, 64.6401, 39.5485

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.6341, 63.0377, 56.0908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1593, 64.6401, 39.5485 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(217, 213, 153)` looks like.

```
.text, #text, p{  
    color:rgb(217, 213, 153)  
}
```

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(217, 213, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 213, 153) }
```

Border

The CSS property to change the border of an element to XYZ 58.1593, 64.6401, 39.5485 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(217, 213, 153) }
```


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

```
.border{ border-color:rgb(217, 213, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 213, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 213, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 213, 153);  
box-shadow:4px 4px 4px 4px rgb(217, 213,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1593, 64.6401, 39.5485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 213, 153) }
```

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

```
.background{ background-color: rgb(217,  
213, 153) }
```

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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