

Converting Colors

XYZ(58.2091, 64.0658, 39.5768)

Have a look what the booklet for
XYZ(58.2091, 64.0658, 39.5768)
contains.

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Color

**XYZ(57.9575, 63.7939,
39.3958)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DAD399 |
| RGB | 218, 211, 153 |
| RGB Percent | 85%, 83%, 60% |
| CMY | 0.1451, 0.1725, 0.4000 |
| CMYK | 0.00, 0.03, 0.30, 0.15 |
| HSL | 54°, 47%, 73% |
| HSV | 54°, 30%, 85% |
| XYZ | 57.9575, 63.7939, 39.3958 |
| YIQ | 206.4810, 22.7900, -16.5540 |

Conversions

Conversions Part 2

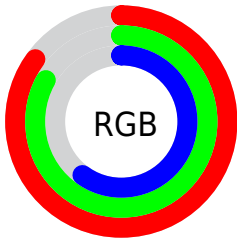
| Format | Color |
|-------------------------------------|--|
| RYB | 161, 218, 153 |
| Decimal | 14341017 |
| CIELab | 83.86, -6.43, 29.65 |
| CIELCh | 84, 30.344, 102.233 |
| Yxy | 63.7939, 0.3597, 0.3959 |
| Android (android.graphics.Color) | 4292531097 (0xFFDAD399) |
| YUV | 206.4810, -26.3661, 10.1022 |
| Hunter-Lab | 79.8711, -10.2480, 26.6654 |

Details

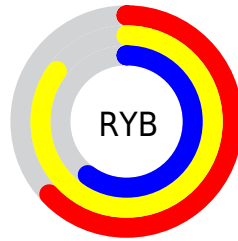
The XYZ color **57.9575, 63.7939, 39.3958** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.3624, 36.9749, 71.4448**, and the grayscale version is **59.1296, 62.2090, 67.7456**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **29.3062, 32.7349, 17.0858** is the 20% darker color. If you saturate the color by 10%, you get **55.7410, 61.9838, 30.5708**, and if you desaturate by 10%, it is **60.5147, 65.7584, 49.9588**.

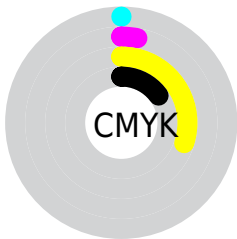
Distribution



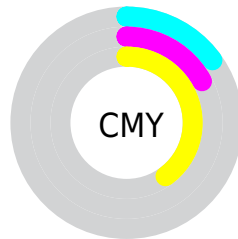
- Red (85%)
- Green (83%)
- Blue (60%)



- Red (63%)
- Yellow (85%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (30%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9575, 63.7939, 39.3958 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 57.9575, 63.7939, 39.3958 by changing the saturation by 10% instead.

■ 57.9575, 63.7939,
39.3958

■ 57.9575, 63.7939,
39.3958

406.9840,
438.4450, 359.0464

■ 42.0176, 46.4838,
26.7576

■ 100.9843,
110.3141, 75.4696

■ 29.3062, 32.6277,
17.1604

■ 128.8019,
140.2929, 99.7422

■ 19.4581, 21.8414,
10.1858

161.3095,
175.2634, 128.7300

■ 12.1077, 13.7404,
5.4151

198.8723,
215.6100, 162.8516

■ 6.8898, 7.9404,
2.4298

241.8559,
261.7170, 202.5255

■ 3.4390, 4.0568,
0.8026

290.6254,

■ 1.3899, 1.7054,

313.9690, 248.1703

0.0000

345.5463,
372.7502, 300.2044

■ 0.2490, 0.4271,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9575, 63.7939,
39.3958

■ 57.9575, 63.7939,
39.3958

■ 55.7410, 61.9838,
30.5708

■ 60.5147, 65.7584,
49.9588

■ 53.8425, 60.3121,
23.3853


■ 63.4245, 67.8753,
62.3430


■ 52.2437, 58.7739,
17.7373


■ 66.7038, 70.1539,
76.6313


■ 50.9230, 57.3603,
13.5114


■ 70.3673, 72.5998,
92.9000

 49.8552, 56.0613,
10.5763


 73.2805, 74.7595,
105.1755


 49.0107, 54.8649,
8.7762


 73.9107, 76.0198,
105.3855

 48.3378, 53.7504,
7.8387

 74.5496, 77.2976,
105.5985

 48.3259, 53.7302,
7.8239

 75.1972, 78.5929,
105.8144

 75.8536, 79.9057,
106.0332

Harmonies

Analogous

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



64.6322, 63.7939, 40.0281



57.9575, 63.7939, 39.3958



52.4169, 63.7939, 45.6621

Triad

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



57.9575, 63.7939, 39.3958



51.6263, 63.7939, 97.1854



73.6844, 63.7939, 81.2813

Complementary

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



57.9575, 63.7939, 39.3958



38.3624, 36.9749, 71.4448

Split Complementary

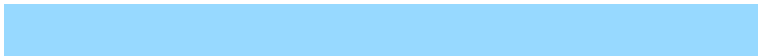
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.6683, 63.7939, 100.3563



57.9575, 63.7939, 39.3958



56.8046, 63.7939, 110.6333

Square

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



57.9575, 63.7939, 39.3958



48.9453, 63.7939, 77.5364



63.3920, 63.7939, 111.8898



74.0499, 63.7939, 61.9662

Rectangle

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



57.9575, 63.7939, 39.3958



49.9803, 63.7939, 53.7171



63.3920, 63.7939, 111.8898



72.7037, 63.7939, 88.0141

Sweetspot

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



57.9591, 63.7968, 39.3971



90.7898, 97.0434, 90.3273



46.7016, 40.2472, 38.8338



19.2942, 20.6728, 18.7367



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.



57.9591, 63.7968, 39.3971



80.5579, 89.2897, 47.7331



52.8352, 63.7914, 39.6662



14.0363, 15.0120, 13.8834



29.0003, 32.2862, 4.7034



1.9138, 2.1617, 0.3164

Inverse Universe

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



38.3624, 36.9749, 71.4448



48.1539, 44.9450, 100.7450



42.3878, 37.3004, 71.2954



12.4509, 12.8416, 16.4746



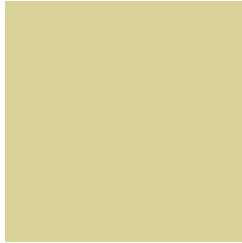
7.8088, 3.4870, 39.9999



0.5448, 0.3037, 2.6044

Previews

White Background



This preview shows how the XYZ color 57.9575, 63.7939, 39.3958 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 57.9575, 63.7939, 39.3958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

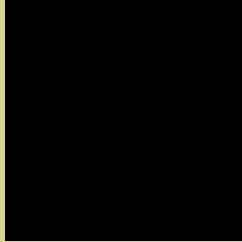
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

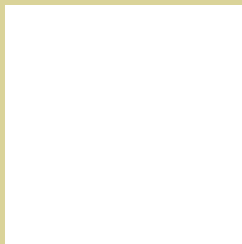
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9575, 63.7939, 39.3958

Background



This preview shows how black text looks on a background with the XYZ color 57.9575, 63.7939, 39.3958.



This preview shows how white text looks on a background with the XYZ color 57.9575, 63.7939,

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

57.9575, 63.7939, 39.3958

Protanopia

59.5193, 63.8755, 38.8980

Deuteranopia

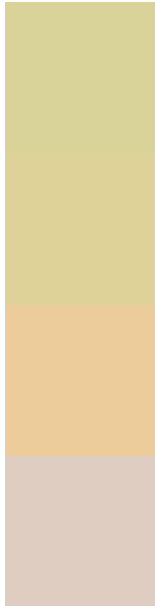
64.9284, 63.4493, 39.8352



Tritanopia

65.1394, 63.4718, 75.1477

Trichromacy



Original Color

57.9575, 63.7939, 39.3958

Protanomaly

58.8383, 63.8898, 38.9366

Deuteranomaly

62.0177, 63.3517, 39.5313

Tritanomaly

62.0004, 63.2457, 59.9788

Monochromacy



Original Color

57.9575, 63.7939, 39.3958

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.1039, 62.4012, 55.9960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9575, 63.7939, 39.3958 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(218, 211, 153)` looks like.

```
.text, #text, p{  
    color:rgb(218, 211, 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(218, 211, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 211, 153) }
```

Border

The CSS property to change the border of an element to XYZ 57.9575, 63.7939, 39.3958 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(218, 211, 153) }
```


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

```
.border{ border-color:rgb(218, 211, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 211, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 211, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 211, 153);  
box-shadow:4px 4px 4px 4px rgb(218, 211,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9575, 63.7939, 39.3958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 211, 153) }
```

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

```
.background{ background-color: rgb(218,  
211, 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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