

Converting Colors

XYZ(58.6694, 65.3533, 43.9421)

Have a look what the booklet for
XYZ(58.6694, 65.3533, 43.9421)
contains.

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Color

**XYZ(58.6818, 65.1846,
44.1393)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D6A3
RGB	215, 214, 163
RGB Percent	84%, 84%, 64%
CMY	0.1569, 0.1608, 0.3608
CMYK	0.00, 0.00, 0.24, 0.16
HSL	59°, 39%, 74%
HSV	59°, 24%, 84%
XYZ	58.6818, 65.1846, 44.1393
YIQ	208.4850, 16.9670, -15.6490

Conversions

Conversions Part 2

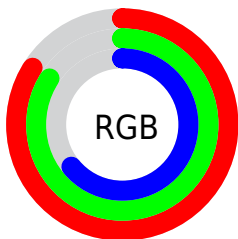
Format	Color
RYB	164, 215, 163
Decimal	14145187
CIELab	84.58, -7.78, 25.39
CIELCh	85, 26.556, 107.025
Yxy	65.1846, 0.3493, 0.3880
Android (android.graphics.Color)	4292335267 (0xFFD7D6A3)
YUV	208.4850, -22.4241, 5.7137
Hunter-Lab	80.7370, -11.5511, 24.1018

Details

The XYZ color **58.6818, 65.1846, 44.1393** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.6453, 39.2428, 69.7227**, and the grayscale version is **60.4040, 63.5497, 69.2056**.

A 20% lighter version of the original color is **89.6549, 97.8420, 80.4897**, and **29.7646, 33.4176, 19.9204** is the 20% darker color. If you saturate the color by 10%, you get **56.8136, 64.2732, 34.8071**, and if you desaturate by 10%, it is **60.8812, 66.2334, 55.1993**.

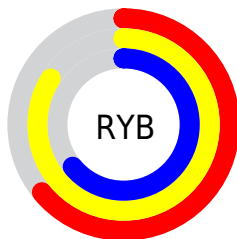
Distribution



Red (84%)

Green (84%)

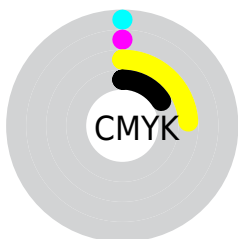
Blue (64%)



Red (64%)

Yellow (84%)

Blue (64%)

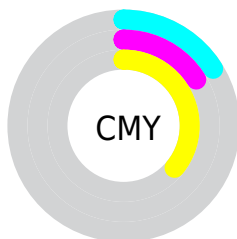


Cyan (0%)

Magenta (0%)

Yellow (24%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6818, 65.1846, 44.1393 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 58.6818, 65.1846, 44.1393 by changing the saturation by 10% instead.

■ 58.6818, 65.1846,
44.1393

■ 58.6818, 65.1846,
44.1393

409.6347,
443.4550, 379.3344

■ 42.6024, 47.6108,
30.4420

■ 102.0323,
112.3152, 82.7320

■ 29.7664, 33.5188,
19.9195

■ 130.0342,
142.6408, 108.4646

■ 19.8086, 22.5241,
12.1530

162.7409,
177.9858, 139.0460

■ 12.3634, 14.2425,
6.7242

200.5178,
218.7345, 174.8947

■ 7.0656, 8.2895,
3.2144

243.7303,
265.2714, 216.4294

■ 3.5499, 4.2808,
1.2051

292.7437,

■ 1.4508, 1.8318,

317.9809, 264.0686

0.0000

347.9234,
377.2473, 318.2307

■ 0.2920, 0.5069,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6818, 65.1846,
44.1393

■ 58.6818, 65.1846,
44.1393

■ 56.8136, 64.2732,
34.8071

■ 60.8812, 66.2334,
55.1993

■ 55.2550, 63.4838,
27.1112

■ 63.4220, 67.4170,
68.0638

■ 53.9896, 62.8121,
20.9582

■ 66.3205, 68.7440,
82.8103

■ 52.9977, 62.2502,
16.2437

■ 69.5903, 70.2200,
99.5102

■ 52.2568, 61.7891,
12.8500

■ 70.6464, 70.8109,
104.5522

■ 51.7412, 61.4186,
10.6414

■ 70.7519, 71.0221,
104.5873

■ 51.4195, 61.1260,
9.4525

■ 70.8578, 71.2337,
104.6226

■ 51.2906, 60.9794,
9.0669

■ 70.9639, 71.4459,
104.6580

■ 71.0702, 71.6587,
104.6934

Harmonies

Analogous

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



64.5476, 65.1846, 43.7061



58.6818, 65.1846, 44.1393



53.9935, 65.1846, 50.9871

Triad

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



58.6818, 65.1846, 44.1393



54.5144, 65.1846, 97.6052



73.7263, 65.1846, 78.5504

Complementary

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



58.6818, 65.1846, 44.1393



40.6453, 39.2428, 69.7227

Split Complementary

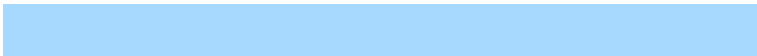
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.6652, 65.1846, 95.6035



58.6818, 65.1846, 44.1393



59.4348, 65.1846, 107.7273

Square

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



58.6818, 65.1846, 44.1393



51.6947, 65.1846, 80.9567



65.3498, 65.1846, 106.9413



73.4926, 65.1846, 61.8493

Rectangle

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



58.6818, 65.1846, 44.1393



52.0537, 65.1846, 58.9933



65.3498, 65.1846, 106.9413



73.0407, 65.1846, 84.4782

Sweetspot

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



58.6835, 65.1875, 44.1407



92.1991, 98.6855, 94.4245



47.8894, 43.3492, 41.3142



19.6844, 21.0995, 19.9574



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.



58.6835, 65.1875, 44.1407



84.8959, 95.2188, 57.6475



52.3307, 62.2875, 43.9158



13.4515, 14.4773, 13.2461



30.6873, 36.4919, 5.4262



1.8575, 2.2143, 0.3295

Inverse Universe

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



40.6453, 39.2428, 69.7227



53.9411, 50.6965, 101.5501



45.9224, 41.7000, 69.9189



11.7615, 12.0464, 15.6428



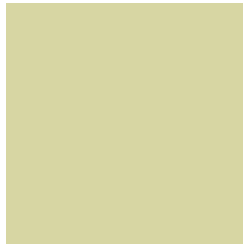
7.3719, 3.0055, 38.6447



0.4515, 0.1950, 2.3332

Previews

White Background



This preview shows how the XYZ color 58.6818, 65.1846, 44.1393 looks on a white background.

Color Contrast Check

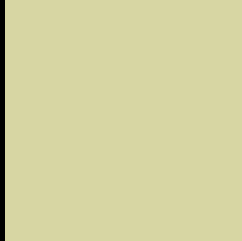
Large Text (above 18pt) WCAG AA × Fail

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 58.6818, 65.1846, 44.1393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

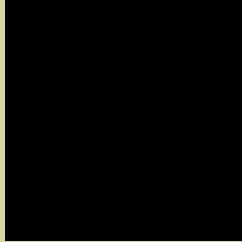
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6818, 65.1846, 44.1393

Background



This preview shows how black text looks on a background with the XYZ color 58.6818, 65.1846, 44.1393.



This preview shows how white text looks on a background with the XYZ color 58.6818, 65.1846,

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

58.6818, 65.1846, 44.1393

Protanopia

60.7786, 65.1693, 43.0938

Deuteranopia

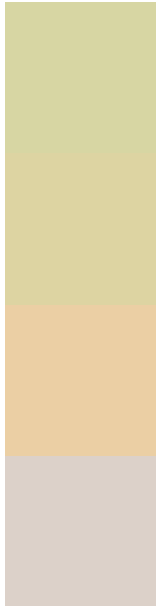
66.5052, 65.2026, 44.6775



Tritanopia

65.6875, 65.1045, 78.2116

Trichromacy



Original Color

58.6818, 65.1846, 44.1393

Protanomaly

59.8839, 65.0678, 43.5855

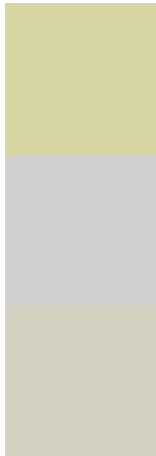
Deuteranomaly

63.2746, 64.9682, 44.3271

Tritanomaly

62.8583, 65.0336, 64.4981

Monochromacy



Original Color

58.6818, 65.1846, 44.1393

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.4250, 63.7478, 59.0417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6818, 65.1846, 44.1393 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(215, 214, 163)` looks like.

```
.text, #text, p{  
    color:rgb(215, 214, 163)  
}
```

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(215, 214, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 214, 163) }
```

Border

The CSS property to change the border of an element to XYZ 58.6818, 65.1846, 44.1393 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(215, 214, 163) }
```


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

```
.border{ border-color:rgb(215, 214, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 214, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 214, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 214, 163);  
box-shadow:4px 4px 4px 4px rgb(215, 214,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6818, 65.1846, 44.1393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 214, 163) }
```

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

```
.background{ background-color: rgb(215,  
214, 163) }
```

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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