

Converting Colors

XYZ(57.1626, 64.8051, 44.5168)

Have a look what the booklet for
XYZ(57.1626, 64.8051, 44.5168)
contains.

XYZ(57.2958, 64.8365, 44.6168)	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(57.2958, 64.8365,
44.6168)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D7A4
RGB	209, 215, 164
RGB Percent	82%, 84%, 64%
CMY	0.1804, 0.1568, 0.3569
CMYK	0.03, 0.00, 0.24, 0.16
HSL	67°, 39%, 74%
HSV	67°, 24%, 84%
XYZ	57.2958, 64.8365, 44.6168
YIQ	207.3920, 12.7950, -17.1330

Conversions

Conversions Part 2

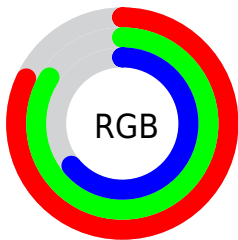
Format	Color
RYB	164, 215, 170
Decimal	13752228
CIELab	84.40, -10.38, 24.55
CIELCh	84, 26.656, 112.920
Yxy	64.8365, 0.3436, 0.3888
Android (android.graphics.Color)	4291942308 (0xFFD1D7A4)
YUV	207.3920, -21.3923, 1.4102
Hunter-Lab	80.5211, -13.8981, 23.5122

Details

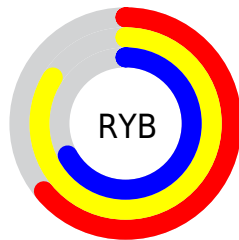
The XYZ color **57.2958, 64.8365, 44.6168** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.1212, 40.0049, 69.7952**, and the grayscale version is **59.6904, 62.7989, 68.3880**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **28.8219, 33.1815, 20.2148** is the 20% darker color. If you saturate the color by 10%, you get **54.8061, 63.7608, 35.2074**, and if you desaturate by 10%, it is **60.1285, 66.0552, 55.7583**.

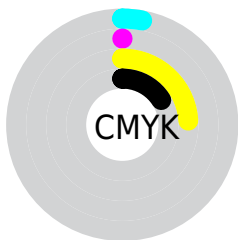
Distribution



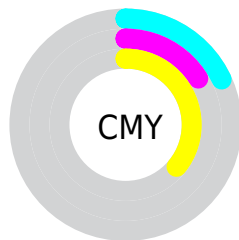
- Red (82%)
- Green (84%)
- Blue (64%)



- Red (64%)
- Yellow (84%)
- Blue (67%)



- Cyan (3%)
- Magenta (0%)
- Yellow (24%)
- Black (16%)



- Cyan (18%)
- Magenta (16%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2958, 64.8365, 44.6168 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 57.2958, 64.8365, 44.6168 by changing the saturation by 10% instead.

■ 57.2958, 64.8365,
44.6168

■ 57.2958, 64.8365,
44.6168

404.5531,
442.2042, 381.3341

■ 41.4838, 47.3285,
30.8150

■ 100.0255,
111.8148, 83.4574

■ 28.8867, 33.2954,
20.2007

■ 127.6740,
142.0538, 109.3333

■ 19.1390, 22.3529,
12.3555

159.9987,
177.3054, 140.0709

■ 11.8753, 14.1164,
6.8608

197.3650,
217.9538, 176.0888

■ 6.7304, 8.2017,
3.2981

240.1383,
264.3835, 217.8055

■ 3.3389, 4.2243,
1.2488

288.6838,

■ 1.3354, 1.7998,

316.9789, 265.6396

0.0192

343.3669,
376.1243, 320.0097

0.2095, 0.4870,
0.0000

0.0000, 0.0000,
0.0000

57.2958, 64.8365,
44.6168

57.2958, 64.8365,
44.6168

54.8061, 63.7608,
35.2074

60.1285, 66.0552,
55.7583

52.6379, 62.8127,
27.4392

63.3146, 67.4143,
68.7086

50.7749, 61.9880,
21.2189

66.8702, 68.9226,
83.5447

49.1972, 61.2787,
16.4427

70.8090, 70.5855,
100.3381

■ 47.8825, 60.6760,
12.9937

■ 72.3710, 71.2990,
104.5555

■ 46.8054, 60.1695,
10.7370

■ 73.1506, 71.7009,
104.5920

■ 45.9346, 59.7469,
9.5091

■ 73.9419, 72.1089,
104.6290

■ 45.4604, 59.5112,
9.0908

■ 74.7449, 72.5228,
104.6666

■ 75.5597, 72.9429,
104.7047

Harmonies

Analogous

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



63.0393, 64.8365, 42.9255



57.2958, 64.8365, 44.6168



52.9793, 64.8365, 52.7019

Triad

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



57.2958, 64.8365, 44.6168



55.0112, 64.8365, 99.9418



73.6307, 64.8365, 74.6922

Complementary

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



57.2958, 64.8365, 44.6168



42.1212, 40.0049, 69.7952

Split Complementary

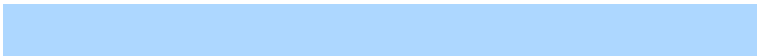
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.1638, 64.8365, 92.1411



57.2958, 64.8365, 44.6168



60.2323, 64.8365, 108.1579

Square

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



57.2958, 64.8365, 44.6168



51.7205, 64.8365, 84.0740



66.1673, 64.8365, 105.0957



72.7198, 64.8365, 58.6412

Rectangle

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



57.2958, 64.8365, 44.6168



51.3682, 64.8365, 61.4442



66.1673, 64.8365, 105.0957



73.1639, 64.8365, 80.6141

Sweetspot

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



57.2975, 64.8394, 44.6182



91.5391, 98.5068, 94.4248



49.0927, 45.8598, 41.3872



19.5310, 21.0580, 19.9575



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.



57.2975, 64.8394, 44.6182



82.5846, 94.6644, 59.0473



50.6631, 61.4192, 44.3077



13.3222, 14.4423, 13.2462



27.2481, 35.6233, 5.4398



1.6851, 2.1701, 0.3301

Inverse Universe

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



42.1212, 40.0049, 69.7952



56.8472, 52.5423, 101.7532



48.1654, 43.1208, 70.0781



11.8771, 12.0780, 15.6428



7.6272, 3.0845, 38.6465



0.5064, 0.2099, 2.3331

Previews

White Background



This preview shows how the XYZ color 57.2958, 64.8365, 44.6168 looks on a white background.

Color Contrast Check

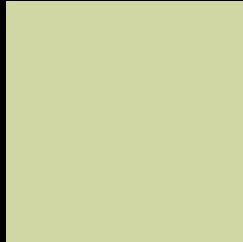
Large Text (above 18pt) WCAG AA × Fail

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 57.2958, 64.8365, 44.6168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

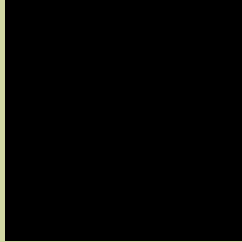
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

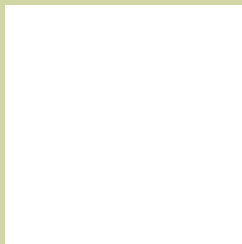
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2958, 64.8365, 44.6168

Background



This preview shows how black text looks on a background with the XYZ color 57.2958, 64.8365, 44.6168.



This preview shows how white text looks on a background with the XYZ color 57.2958, 64.8365,

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

57.2958, 64.8365, 44.6168

Protanopia

60.6195, 64.7094, 43.4776

Deuteranopia

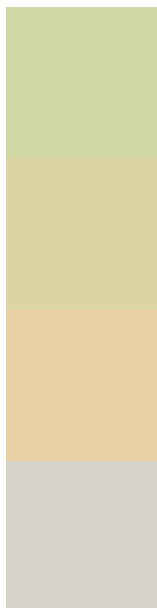
66.1016, 64.6239, 45.5489



Tritanopia

64.2474, 64.7051, 78.9152

Trichromacy



Original Color

57.2958, 64.8365, 44.6168

Protanomaly

59.3678, 64.7914, 44.0273

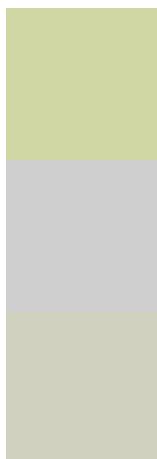
Deuteranomaly

62.8000, 64.7025, 45.2553

Tritanomaly

61.4388, 64.6536, 65.1183

Monochromacy



Original Color

57.2958, 64.8365, 44.6168

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.4630, 63.2647, 58.4202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2958, 64.8365, 44.6168 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(209, 215, 164)` looks like.

```
.text, #text, p{  
    color:rgb(209, 215, 164)  
}
```

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(209, 215, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 215, 164) }
```

Border

The CSS property to change the border of an element to XYZ 57.2958, 64.8365, 44.6168 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(209, 215, 164) }
```


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

```
.border{ border-color:rgb(209, 215, 164) }
```

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

Here you see how a box with a 4 pixel rgb(209, 215, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 215, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 215, 164);  
box-shadow:4px 4px 4px 4px rgb(209, 215,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2958, 64.8365, 44.6168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 215, 164) }
```

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

```
.background{ background-color: rgb(209,  
215, 164) }
```

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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