

Converting Colors

XYZ(58.5180, 65.8665, 43.8117)

Have a look what the booklet for
XYZ(58.5180, 65.8665, 43.8117)
contains.

XYZ(58.5180, 65.8665, 43.8117)	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(58.5180, 65.8665,
43.8117)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D8A2
RGB	213, 216, 162
RGB Percent	84%, 85%, 64%
CMY	0.1647, 0.1529, 0.3647
CMYK	0.01, 0.00, 0.25, 0.15
HSL	63°, 41%, 74%
HSV	63°, 25%, 85%
XYZ	58.5180, 65.8665, 43.8117
YIQ	208.9470, 15.5460, -17.4300

Conversions

Conversions Part 2

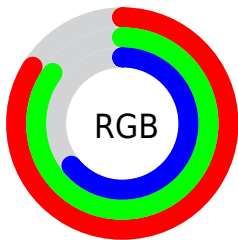
Format	Color
RYB	162, 216, 165
Decimal	14014626
CIELab	84.93, -9.68, 26.36
CIELCh	85, 28.083, 110.160
Yxy	65.8665, 0.3479, 0.3916
Android (android.graphics.Color)	4292204706 (0xFFD5D8A2)
YUV	208.9470, -23.1449, 3.5545
Hunter-Lab	81.1582, -13.3218, 24.8041

Details

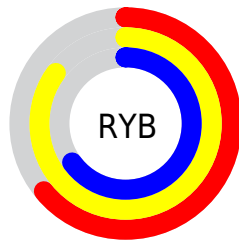
The XYZ color **58.5180, 65.8665, 43.8117** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.8346, 38.7996, 70.3063**, and the grayscale version is **60.7103, 63.8720, 69.5566**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **29.6599, 33.8846, 19.7290** is the 20% darker color. If you saturate the color by 10%, you get **56.4138, 64.9870, 34.5368**, and if you desaturate by 10%, it is **60.9580, 66.8852, 54.8266**.

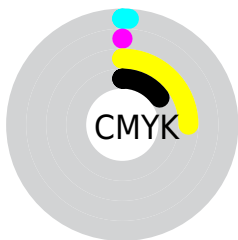
Distribution



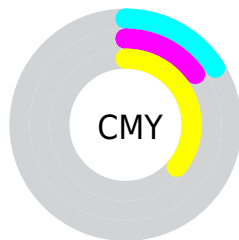
- Red (84%)
- Green (85%)
- Blue (64%)



- Red (64%)
- Yellow (85%)
- Blue (65%)



- Cyan (1%)
- Magenta (0%)
- Yellow (25%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5180, 65.8665, 43.8117 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 58.5180, 65.8665, 43.8117 by changing the saturation by 10% instead.

■ 58.5180, 65.8665,
43.8117

■ 58.5180, 65.8665,
43.8117

409.0362,
445.8993, 377.9582

■ 42.4701, 48.1640,
30.1864

■ 101.7954,
113.2947, 82.2338

■ 29.6623, 33.9568,
19.7269

■ 129.7557,
143.7892, 107.8676

■ 19.7292, 22.8604,
12.0145

162.4175,
179.3166, 138.3414

■ 12.3055, 14.4905,
6.6309

200.1461,
220.2611, 174.0737

■ 7.0257, 8.4626,
3.1575

243.3069,
267.0073, 215.4829

■ 3.5247, 4.3923,
1.1756

292.2653,

■ 1.4369, 1.8954,

319.9394, 262.9877

0.0000

347.3866,
379.4420, 317.0066

■ 0.2823, 0.5456,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5180, 65.8665,
43.8117

■ 58.5180, 65.8665,
43.8117

■ 56.4138, 64.9870,
34.5368

■ 60.9580, 66.8852,
54.8266

■ 54.6235, 64.2310,
26.9090

■ 63.7445, 68.0405,
67.6597

■ 53.1305, 63.5942,
20.8329

■ 66.8937, 69.3412,
82.3895

■ 51.9144, 63.0686,
16.2020

■ 70.4195, 70.7929,
99.0889

■ 50.9525, 62.6449,
12.8961

■ 71.8238, 71.3963,
104.6031

■ 50.2182, 62.3125,
10.7758

■ 72.1868, 71.5834,
104.6201

■ 49.6793, 62.0586,
9.6706

■ 72.5525, 71.7719,
104.6372

■ 49.4550, 61.9498,
9.3510

■ 72.9207, 71.9617,
104.6544

■ 73.2916, 72.1529,
104.6718

Harmonies

Analogous

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



64.6989, 65.8665, 42.6581



58.5180, 65.8665, 43.8117



53.7488, 65.8665, 51.6939

Triad

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



58.5180, 65.8665, 43.8117



55.1539, 65.8665, 101.8180



75.3254, 65.8665, 77.8163

Complementary

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



58.5180, 65.8665, 43.8117



40.8346, 38.7996, 70.3063

Split Complementary

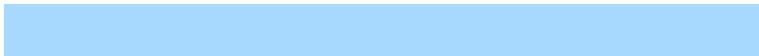
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.3822, 65.8665, 96.3405



58.5180, 65.8665, 43.8117



60.5550, 65.8665, 111.6562

Square

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



58.5180, 65.8665, 43.8117



51.8989, 65.8665, 84.3620



66.8762, 65.8665, 109.4988



74.6887, 65.8665, 60.4040

Rectangle

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



58.5180, 65.8665, 43.8117



51.8784, 65.8665, 60.5669



66.8762, 65.8665, 109.4988



74.7148, 65.8665, 84.1588

Sweetspot

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



58.5197, 65.8694, 43.8131



91.5212, 98.5404, 92.4911



48.2438, 44.0114, 40.1357



19.4555, 21.0362, 19.1793



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.



58.5197, 65.8694, 43.8131



83.5373, 95.2160, 56.3588



51.4026, 62.2004, 43.4800



13.4014, 14.4831, 13.2499



29.3016, 36.6819, 5.5360



1.7886, 2.2234, 0.3349

Inverse Universe

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



40.8346, 38.7996, 70.3063



53.5408, 49.2977, 101.3012



46.9794, 41.9674, 70.5939



11.8059, 12.0413, 15.6395



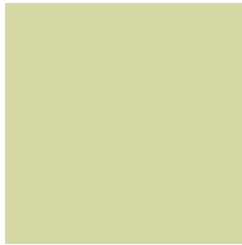
7.4554, 2.9959, 38.6385



0.4727, 0.1926, 2.3316

Previews

White Background



This preview shows how the XYZ color 58.5180, 65.8665, 43.8117 looks on a white background.

Color Contrast Check

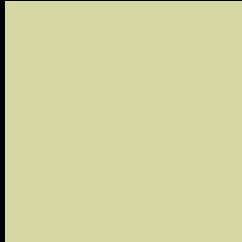
Large Text (above 18pt) WCAG AA × Fail

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 58.5180, 65.8665, 43.8117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

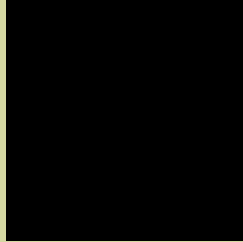
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5180, 65.8665, 43.8117

Background



This preview shows how black text looks on a background with the XYZ color 58.5180, 65.8665, 43.8117.



This preview shows how white text looks on a background with the XYZ color 58.5180, 65.8665,

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

58.5180, 65.8665, 43.8117

Protanopia

61.5672, 65.9559, 42.7435

Deuteranopia

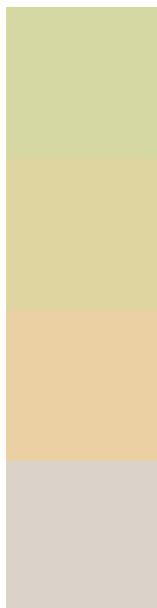
66.8589, 65.3849, 44.6940



Tritanopia

65.8292, 65.8657, 79.7648

Trichromacy



Original Color

58.5180, 65.8665, 43.8117

Protanomaly

60.3515, 65.6913, 43.2170

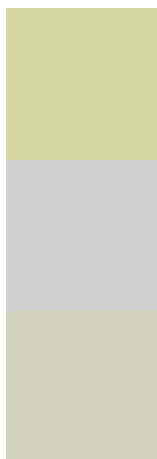
Deuteranomaly

63.5177, 65.4543, 44.4082

Tritanomaly

62.7503, 65.7110, 64.6345

Monochromacy



Original Color

58.5180, 65.8665, 43.8117

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.6363, 64.5944, 59.1940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5180, 65.8665, 43.8117 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, 216, 162)` looks like.

```
.text, #text, p{  
    color:rgb(213, 216, 162)  
}
```

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, 216, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 216, 162) }
```

Border

The CSS property to change the border of an element to XYZ 58.5180, 65.8665, 43.8117 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, 216, 162) }
```


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

```
.border{ border-color:rgb(213, 216, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 216, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 216, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 216, 162); box-shadow:4px 4px 4px 4px rgb(213, 216, 162) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5180, 65.8665, 43.8117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 216, 162) }
```

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

```
.background{ background-color: rgb(213,  
216, 162) }
```

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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