

Converting Colors

XYZ(58.6201, 65.5810, 47.8098)

Have a look what the booklet for
XYZ(58.6201, 65.5810, 47.8098)
contains.

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Color

**XYZ(58.4201, 65.3520,
47.5653)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D7AA
RGB	211, 215, 170
RGB Percent	83%, 84%, 67%
CMY	0.1725, 0.1568, 0.3333
CMYK	0.02, 0.00, 0.21, 0.16
HSL	65°, 36%, 75%
HSV	65°, 21%, 84%
XYZ	58.4201, 65.3520, 47.5653
YIQ	208.6740, 12.0610, -14.8430

Conversions

Conversions Part 2

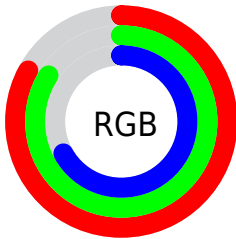
Format	Color
RYB	170, 215, 174
Decimal	13883306
CIELab	84.66, -8.78, 21.81
CIElCh	85, 23.507, 111.932
Yxy	65.3520, 0.3410, 0.3814
Android (android.graphics.Color)	4292073386 (0xFFD3D7AA)
YUV	208.6740, -19.0663, 2.0399
Hunter-Lab	80.8406, -12.4766, 21.7031

Details

The XYZ color **58.4201, 65.3520, 47.5653** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.0985, 42.6561, 70.2027**, and the grayscale version is **60.5081, 63.6592, 69.3249**.

A 20% lighter version of the original color is **90.5906, 98.2162, 85.4172**, and **29.5511, 33.5175, 22.0516** is the 20% darker color. If you saturate the color by 10%, you get **56.0061, 64.3257, 37.6897**, and if you desaturate by 10%, it is **61.1767, 66.5206, 59.1959**.

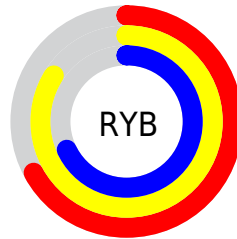
Distribution



Red (83%)

Green (84%)

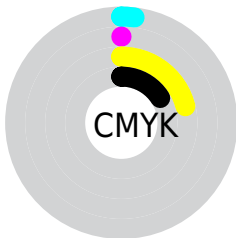
Blue (67%)



Red (67%)

Yellow (84%)

Blue (68%)

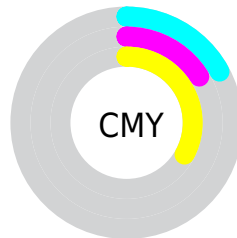


Cyan (2%)

Magenta (0%)

Yellow (21%)

Black (16%)



Cyan (17%)

Magenta (16%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4201, 65.3520, 47.5653 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 58.4201, 65.3520, 47.5653 by changing the saturation by 10% instead.

 58.4201, 65.3520,
47.5653

 58.4201, 65.3520,
47.5653


408.6782,
444.0558, 393.5254

 42.3910, 47.7466,
33.1252


 101.6538,
112.5558, 87.9156

 29.6001, 33.6262,
21.9505


129.5892,
142.9229, 114.6630

 19.6818, 22.6066,
13.6226


162.2241,
178.3127, 146.3498

 12.2709, 14.3033,
7.7229

199.9238,
219.1096, 183.3947

 7.0019, 8.3319,
3.8329

243.0537,
265.6980, 226.2161

 3.5097, 4.3081,
1.5341

291.9792,

 1.4287, 1.8473,

318.4622, 275.2327

0.2432

347.0655,
377.7867, 330.8629

■ 0.2765, 0.5164,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4201, 65.3520,
47.5653

■ 58.4201, 65.3520,
47.5653

■ 56.0061, 64.3257,
37.6897

■ 61.1767, 66.5206,
59.1959

■ 53.9134, 63.4264,
29.4799

■ 64.2860, 67.8287,
72.6567

■ 52.1263, 62.6501,
22.8451

■ 67.7636, 69.2850,
88.0234

■ 50.6254, 61.9891,
17.6843

■ 71.4611, 70.8300,
104.5129

■ 49.3894, 61.4347,
13.8846

■ 72.0388, 71.1278,
104.5399

■ 48.3938, 60.9772,
11.3169

■ 72.6232, 71.4291,
104.5673

■ 47.6092, 60.6049,
9.8273

■ 73.2143, 71.7338,
104.5949

■ 47.0337, 60.3223,
9.1644

■ 73.8120, 72.0419,
104.6229

■ 74.4164, 72.3535,
104.6512

Harmonies

Analogous

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



63.5428, 65.3520, 46.1976



58.4201, 65.3520, 47.5653



54.5012, 65.3520, 54.7770

Triad

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



58.4201, 65.3520, 47.5653



56.0959, 65.3520, 96.4334



72.6566, 65.3520, 75.2926

Complementary

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



58.4201, 65.3520, 47.5653



44.0985, 42.6561, 70.2027

Split Complementary

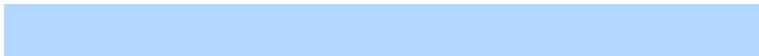
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.4070, 65.3520, 90.5151



58.4201, 65.3520, 47.5653



60.7090, 65.3520, 103.7946

Square

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



58.4201, 65.3520, 47.5653



53.2129, 65.3520, 82.5121



65.9627, 65.3520, 101.4886



71.9586, 65.3520, 60.8950

Rectangle

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



58.4201, 65.3520, 47.5653



53.0032, 65.3520, 62.5615



65.9627, 65.3520, 101.4886



72.2157, 65.3520, 80.5063

Sweetspot

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



58.4218, 65.3549, 47.5667



92.1845, 98.7961, 96.4155



50.3699, 47.5266, 44.5499



19.6671, 21.1194, 20.3591



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.



58.4218, 65.3549, 47.5667



84.3752, 95.4925, 63.4194



52.4828, 62.2932, 47.2888



13.3588, 14.4612, 13.2479



28.1767, 36.1019, 5.4833



1.7321, 2.1943, 0.3323

Inverse Universe

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



44.0985, 42.6561, 70.2027



59.7411, 56.4506, 102.3551



49.4725, 45.4265, 70.4542



11.8441, 12.0610, 15.6413



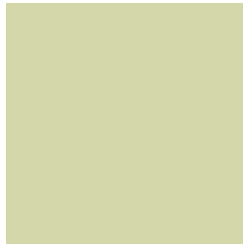
7.5367, 3.0378, 38.6423



0.4908, 0.2019, 2.3324

Previews

White Background



This preview shows how the XYZ color 58.4201, 65.3520, 47.5653 looks on a white background.

Color Contrast Check

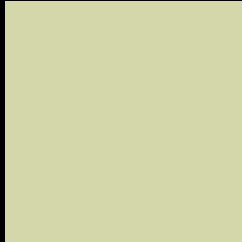
Large Text (above 18pt) WCAG AA × Fail

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 58.4201, 65.3520, 47.5653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

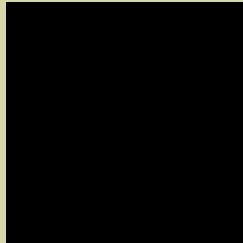
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

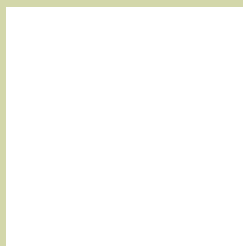
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4201, 65.3520, 47.5653

Background



This preview shows how black text looks on a background with the XYZ color 58.4201, 65.3520, 47.5653.



This preview shows how white text looks on a background with the XYZ color 58.4201, 65.3520,

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

58.4201, 65.3520, 47.5653

Protanopia

61.1026, 65.2630, 46.4223

Deuteranopia

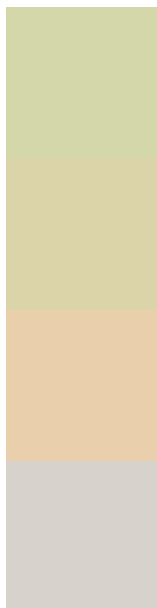
66.4585, 65.1029, 48.0931



Tritanopia

64.9239, 65.3990, 79.7224

Trichromacy



Original Color

58.4201, 65.3520, 47.5653

Protanomaly

59.9183, 65.0116, 46.9266

Deuteranomaly

63.2678, 64.8896, 47.7184

Tritanomaly

62.2177, 65.3952, 66.4701

Monochromacy



Original Color

58.4201, 65.3520, 47.5653

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.7229, 64.2303, 60.8797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4201, 65.3520, 47.5653 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(211, 215, 170)` looks like.

```
.text, #text, p{  
    color:rgb(211, 215, 170)  
}
```

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(211, 215, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 215, 170) }
```

Border

The CSS property to change the border of an element to XYZ 58.4201, 65.3520, 47.5653 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(211, 215, 170) }
```


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

```
.border{ border-color:rgb(211, 215, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 215, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 215, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 215, 170);  
box-shadow:4px 4px 4px 4px rgb(211, 215,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4201, 65.3520, 47.5653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 215, 170) }
```

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

```
.background{ background-color: rgb(211,  
215, 170) }
```

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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