

Converting Colors

XYZ(58.3137, 66.3164, 53.4429)

Have a look what the booklet for
XYZ(58.3137, 66.3164, 53.4429)
contains.

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Color

**XYZ(58.3137, 66.3164,
53.4429)**

Conversions

Conversions Part 1

Format	Color
Hex	CCDAB5
RGB	204, 218, 181
RGB Percent	80%, 85%, 71%
CMY	0.2000, 0.1451, 0.2902
CMYK	0.06, 0.00, 0.17, 0.15
HSL	83°, 33%, 78%
HSV	83°, 17%, 85%
XYZ	58.3137, 66.3164, 53.4429
YIQ	209.5960, 3.5330, -14.4750

Conversions

Conversions Part 2

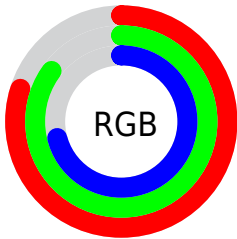
Format	Color
RYB	181, 218, 195
Decimal	13425333
CIELab	85.16, -11.16, 16.65
CIELCh	85, 20.042, 123.845
Yxy	66.3164, 0.3275, 0.3724
Android (android.graphics.Color)	4291615413 (0xFFCCDAB5)
YUV	209.5960, -14.0978, -4.9077
Hunter-Lab	81.4349, -14.6912, 18.0944

Details

The XYZ color **58.3137, 66.3164, 53.4429** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.6871, 49.7136, 73.2048**, and the grayscale version is **61.0831, 64.2641, 69.9836**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **29.5712, 34.2369, 25.4719** is the 20% darker color. If you saturate the color by 10%, you get **54.0482, 64.3580, 42.4662**, and if you desaturate by 10%, it is **63.0526, 68.4824, 66.2716**.

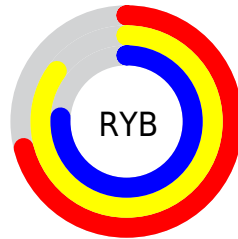
Distribution



Red (80%)

Green (85%)

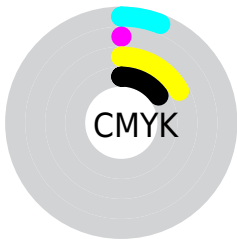
Blue (71%)



Red (71%)

Yellow (85%)

Blue (76%)

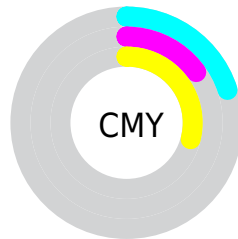


Cyan (6%)

Magenta (0%)

Yellow (17%)

Black (15%)



Cyan (20%)

Magenta (15%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3137, 66.3164, 53.4429 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 58.3137, 66.3164, 53.4429 by changing the saturation by 10% instead.

■ 58.3137, 66.3164,
53.4429

■ 58.3137, 66.3164,
53.4429

408.2889,
447.5076, 417.0964

■ 42.3051, 48.5293,
37.7663

■ 101.4999,
113.9403, 96.7039

■ 29.5324, 34.2462,
25.5009

129.4082,
144.5459, 125.1254

■ 19.6303, 23.0828,
16.2283

162.0138,
180.1932, 158.6323

■ 12.2333, 14.6547,
9.5297

199.6821,
221.2664, 197.6431

■ 6.9761, 8.5774,
4.9868

242.7784,
268.1501, 242.5764

■ 3.4933, 4.4666,
2.1809

291.6681,

■ 1.4197, 1.9378,

321.2286, 293.8507

0.6633

346.7164,
380.8863, 351.8845

■ 0.2702, 0.5710,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3137, 66.3164,
53.4429

■ 58.3137, 66.3164,
53.4429

■ 54.0482, 64.3580,
42.4662

■ 63.0526, 68.4824,
66.2716

■ 50.2328, 62.5911,
33.2516

■ 68.2767, 70.8543,
81.0281

■ 46.8498, 61.0105,
25.7083

■ 74.0037, 73.4416,
97.7889

■ 43.8782, 59.6078,
19.7354

■ 78.0491, 75.3707,
105.0421

■ 41.2949, 58.3733,
15.2214

■ 80.8679, 76.8239,
105.1740

■ 39.0738, 57.2964,
12.0400

■ 83.8150, 78.3432,
105.3120

■ 37.1849, 56.3648,
10.0434

■ 84.3628, 78.6256,
105.3376

■ 35.5892, 55.5628,
9.0384

■ 35.1447, 55.3378,
8.8290

Harmonies

Analogous

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



62.4507, 66.3164, 50.1092



58.3137, 66.3164, 53.4429



55.5473, 66.3164, 61.7808

Triad

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



58.3137, 66.3164, 53.4429



59.2774, 66.3164, 96.9353



72.1079, 66.3164, 70.5509

Complementary

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



58.3137, 66.3164, 53.4429



51.6871, 49.7136, 73.2048

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.



71.1600, 66.3164, 83.7454



58.3137, 66.3164, 53.4429



63.6164, 66.3164, 100.0008

Square

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



58.3137, 66.3164, 53.4429



56.0848, 66.3164, 86.9776



67.9977, 66.3164, 94.9182



70.5299, 66.3164, 59.2116

Rectangle

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



58.3137, 66.3164, 53.4429



54.7789, 66.3164, 69.5710



67.9977, 66.3164, 94.9182



72.0745, 66.3164, 74.9094

Sweetspot

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



58.3155, 66.3193, 53.4443



91.3115, 98.3021, 98.3630



56.6745, 57.0802, 51.7475



19.4350, 20.9909, 20.7489



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.



58.3155, 66.3193, 53.4443



81.1510, 93.6609, 70.9280



53.6475, 63.9129, 53.2259



13.6600, 15.0050, 13.9019



21.1773, 33.2148, 5.2949



1.4666, 2.2006, 0.3475

Inverse Universe

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



51.6871, 49.7136, 73.2048



70.1674, 66.1417, 103.6761



56.6411, 52.2675, 73.4366



12.8021, 12.8561, 16.4589



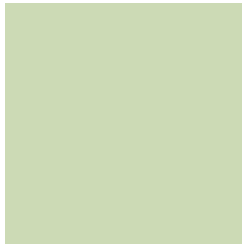
9.8033, 4.1779, 40.0281



0.7290, 0.3191, 2.5976

Previews

White Background



This preview shows how the XYZ color 58.3137, 66.3164, 53.4429 looks on a white background.

Color Contrast Check

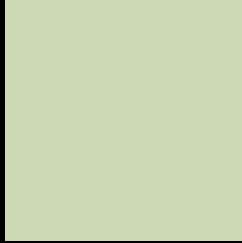
Large Text (above 18pt) WCAG AA × Fail

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 58.3137, 66.3164, 53.4429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

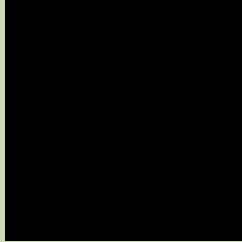
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

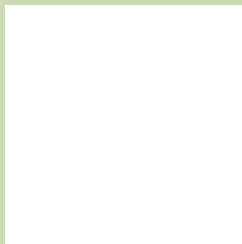
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3137, 66.3164, 53.4429

Background



This preview shows how black text looks on a background with the XYZ color 58.3137, 66.3164, 53.4429.



This preview shows how white text looks on a background with the XYZ color 58.3137, 66.3164,

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

58.3137, 66.3164, 53.4429

Protanopia

62.3198, 66.1486, 51.6028

Deuteranopia

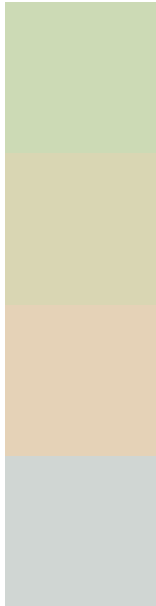
67.4452, 66.1780, 54.5663



Tritanopia

64.1618, 66.0389, 82.7639

Trichromacy



Original Color

58.3137, 66.3164, 53.4429

Protanomaly

60.7985, 66.0995, 52.2019

Deuteranomaly

63.9069, 66.1701, 54.2036

Tritanomaly

61.8169, 66.2062, 71.1490

Monochromacy



Original Color

58.3137, 66.3164, 53.4429

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.1155, 65.1219, 63.4342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3137, 66.3164, 53.4429 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(204, 218, 181) looks like.

```
.text, #text, p{  
    color:rgb(204, 218, 181)  
}
```

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(204, 218, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 218, 181) }
```

Border

The CSS property to change the border of an element to XYZ 58.3137, 66.3164, 53.4429 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(204, 218, 181) }
```


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

```
.border{ border-color:rgb(204, 218, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 218, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 218, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 218, 181);  
box-shadow:4px 4px 4px 4px rgb(204, 218,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3137, 66.3164, 53.4429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 218, 181) }
```

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

```
.background{ background-color: rgb(204,  
218, 181) }
```

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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