

Converting Colors

XYZ(56.8410, 61.9523, 30.4349)

Have a look what the booklet for
XYZ(56.8410, 61.9523, 30.4349)
contains.

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Color

**XYZ(56.8410, 61.9523,
30.4349)**

Conversions

Conversions Part 1

Format	Color
Hex	DFCF83
RGB	223, 207, 131
RGB Percent	87%, 81%, 51%
CMY	0.1255, 0.1882, 0.4863
CMYK	0.00, 0.07, 0.41, 0.13
HSL	50°, 59%, 69%
HSV	50°, 41%, 87%
XYZ	56.8410, 61.9523, 30.4349
YIQ	203.1200, 33.9320, -20.2440

Conversions

Conversions Part 2

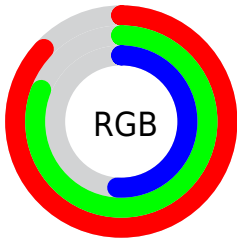
Format	Color
RYB	150, 223, 131
Decimal	14667651
CIELab	82.89, -4.99, 39.73
CIELCh	83, 40.041, 97.155
Yxy	61.9523, 0.3809, 0.4152
Android (android.graphics.Color)	4292857731 (0xFFDFCF83)
YUV	203.1200, -35.5552, 17.4348
Hunter-Lab	78.7098, -8.8367, 32.1710

Details

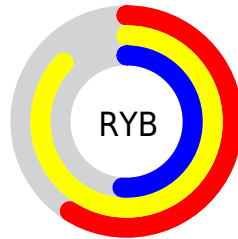
The XYZ color **56.8410, 61.9523, 30.4349** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **33.1129, 31.0196, 74.0542**, and the grayscale version is **57.0429, 60.0136, 65.3548**.

A 20% lighter version of the original color is **85.7570, 96.2828, 59.9635**, and **28.5651, 31.4686, 12.1579** is the 20% darker color. If you saturate the color by 10%, you get **54.5621, 59.5584, 23.0043**, and if you desaturate by 10%, it is **59.4713, 64.5282, 39.5888**.

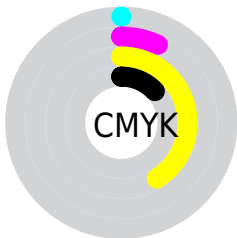
Distribution



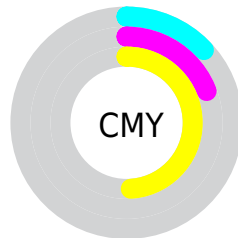
- Red (87%)
- Green (81%)
- Blue (51%)



- Red (59%)
- Yellow (87%)
- Blue (51%)



- Cyan (0%)
- Magenta (7%)
- Yellow (41%)
- Black (13%)



- Cyan (13%)
- Magenta (19%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8410, 61.9523, 30.4349 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 56.8410, 61.9523, 30.4349 by changing the saturation by 10% instead.

■ 56.8410, 61.9523,
30.4349

■ 56.8410, 61.9523,
30.4349

402.8771,
431.7571, 318.1966

■ 41.1172, 44.9942,
19.9141

■ 99.3658, 107.6566,
61.4184

■ 28.5988, 31.4528,
12.1491

■ 126.8976,
137.1715, 82.7181

■ 18.9203, 20.9439,
6.7216

■ 159.0962,
171.6408, 108.4479

■ 11.7163, 13.0830,
3.2128

196.3268,
211.4490, 139.0263

■ 6.6217, 7.4857,
1.2043

238.9548,
256.9802, 174.8718

■ 3.2708, 3.7677,
0.0000

287.3456,

■ 1.2986, 1.5445,

308.6191, 216.4030

0.0000

341.8646,
366.7499, 264.0384

■ 0.1821, 0.3197,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8410, 61.9523,
30.4349

■ 56.8410, 61.9523,
30.4349

■ 54.5621, 59.5584,
23.0043

■ 59.4713, 64.5282,
39.5888

■ 52.6088, 57.3292,
17.1822


■ 62.4679, 67.2854,
50.5633


■ 50.9590, 55.2577,
12.8458


■ 65.8500, 70.2343,
63.4529


■ 49.5854, 53.3329,
9.8528

■ 69.6344, 73.3818,
78.3447


 48.4556, 51.5414,
8.0334


 73.8367, 76.7344,
95.3201

 47.6198, 50.0647,
7.1536

 76.8527, 79.6506,
105.9313

 77.9454, 81.8359,
106.2955

 79.0622, 84.0695,
106.6678

 80.2033, 86.3518,
107.0481

Harmonies

Analogous

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



65.5643, 61.9523, 32.4533



56.8410, 61.9523, 30.4349



49.4191, 61.9523, 36.2251

Triad

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



56.8410, 61.9523, 30.4349



46.6234, 61.9523, 100.4234



75.5387, 61.9523, 87.6402

Complementary

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



56.8410, 61.9523, 30.4349



33.1129, 31.0196, 74.0542

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.



69.4858, 61.9523, 112.8655



56.8410, 61.9523, 30.4349



52.6733, 61.9523, 121.4155

Square

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



56.8410, 61.9523, 30.4349



43.9056, 61.9523, 73.5498



60.9750, 61.9523, 126.4522



76.9314, 61.9523, 61.7076

Rectangle

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



56.8410, 61.9523, 30.4349



46.0135, 61.9523, 44.8231



60.9750, 61.9523, 126.4522



73.9547, 61.9523, 96.6544

Sweetspot

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



56.8425, 61.9552, 30.4362



88.8351, 94.8361, 84.4288



43.8829, 34.0552, 32.2229



18.8800, 20.1836, 17.5529



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.



56.8425, 61.9552, 30.4362



74.1952, 80.9890, 31.9719



52.6987, 65.8659, 31.4094



14.6584, 15.6028, 14.5458



28.0737, 29.5853, 4.2309



1.9999, 2.1588, 0.3113

Inverse Universe

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



33.1129, 31.0196, 74.0542



37.7303, 33.4769, 99.0808



35.9601, 29.0484, 73.5236



13.1437, 13.6266, 17.3251



8.3109, 4.0913, 41.4000



0.6343, 0.4000, 2.8890

Previews

White Background



This preview shows how the XYZ color 56.8410, 61.9523, 30.4349 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 56.8410, 61.9523, 30.4349 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 56.8410, 61.9523, 30.4349

Background



This preview shows how black text looks on a background with the XYZ color 56.8410, 61.9523, 30.4349.

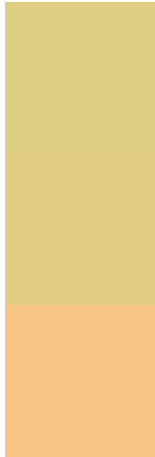


This preview shows how white text looks on a background with the XYZ color 56.8410, 61.9523,

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

56.8410, 61.9523, 30.4349

Protanopia

57.2194, 61.7889, 30.3834

Deuteranopia

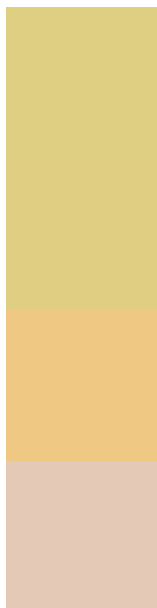
62.9113, 61.5824, 30.7611



Tritanopia

65.1286, 61.8418, 70.7914

Trichromacy



Original Color

56.8410, 61.9523, 30.4349

Protanomaly

56.9085, 61.6286, 30.3688

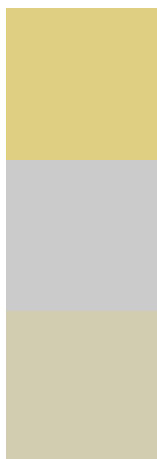
Deuteranomaly

60.6481, 61.7900, 30.5599

Tritanomaly

61.7470, 61.8502, 53.4836

Monochromacy



Original Color

56.8410, 61.9523, 30.4349

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.1070, 60.0617, 50.2309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8410, 61.9523, 30.4349 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(223, 207, 131)` looks like.

```
.text, #text, p{  
    color:rgb(223, 207, 131)  
}
```

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(223, 207, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 207, 131) }
```

Border

The CSS property to change the border of an element to XYZ 56.8410, 61.9523, 30.4349 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(223, 207, 131) }
```


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

```
.border{ border-color:rgb(223, 207, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 207, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 207, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 207, 131);  
box-shadow:4px 4px 4px 4px rgb(223, 207,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8410, 61.9523, 30.4349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 207, 131) }
```

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

```
.background{ background-color: rgb(223,  
207, 131) }
```

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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