

Converting Colors

XYZ(55.4811, 64.2096, 30.5886)

Have a look what the booklet for
XYZ(55.4811, 64.2096, 30.5886)
contains.

XYZ(55.4811, 64.2096, 30.5886)	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(55.4811, 64.2096,
30.5886)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D782
RGB	212, 215, 130
RGB Percent	83%, 84%, 51%
CMY	0.1686, 0.1568, 0.4902
CMYK	0.01, 0.00, 0.40, 0.16
HSL	62°, 52%, 68%
HSV	62°, 40%, 84%
XYZ	55.4811, 64.2096, 30.5886
YIQ	204.4130, 25.4970, -27.0710

Conversions

Conversions Part 2

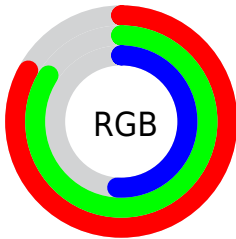
Format	Color
R _Y B	130, 215, 133
Decimal	13948802
CIE Lab	84.07, -13.49, 41.56
CIE LCh	84, 43.690, 107.984
Yxy	64.2096, 0.3692, 0.4273
Android (android.graphics.Color)	4292138882 (0xFFD4D782)
YUV	204.4130, -36.6856, 6.6538
Hunter-Lab	80.1309, -16.6391, 33.4587

Details

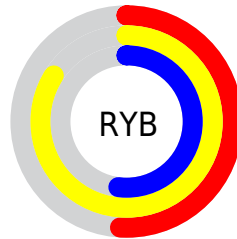
The XYZ color **55.4811, 64.2096, 30.5886** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.9235, 25.8597, 67.7080**, and the grayscale version is **57.8710, 60.8848, 66.3036**.

A 20% lighter version of the original color is **85.6517, 96.2407, 59.4094**, and **27.6924, 32.7740, 12.2636** is the 20% darker color. If you saturate the color by 10%, you get **53.9682, 63.5815, 23.7558**, and if you desaturate by 10%, it is **57.2998, 64.9647, 39.0122**.

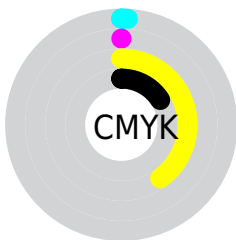
Distribution



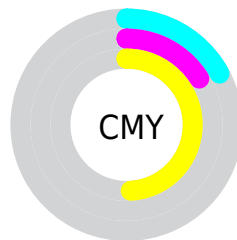
- Red (83%)
- Green (84%)
- Blue (51%)



- Red (51%)
- Yellow (84%)
- Blue (52%)



- Cyan (1%)
- Magenta (0%)
- Yellow (40%)
- Black (16%)



- Cyan (17%)
- Magenta (16%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4811, 64.2096, 30.5886 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 55.4811, 64.2096, 30.5886 by changing the saturation by 10% instead.

■ 55.4811, 64.2096,
30.5886

■ 55.4811, 64.2096,
30.5886

397.8398,
439.9462, 318.9308

■ 40.0224, 46.8205,
20.0299

■ 97.3897, 110.9127,
61.6637

■ 27.7403, 32.8937,
12.2325

■ 124.5703,
140.9955, 83.0173

■ 18.2694, 22.0451,
6.7778

■ 156.3890,
176.0783, 108.8063

■ 11.2445, 13.8900,
3.2472

193.2110,
216.5455, 139.4492

■ 6.3000, 8.0442,
1.2222

235.4017,
262.7815, 175.3645

■ 3.0707, 4.1232,
0.0000

283.3265,

■ 1.1913, 1.7427,

315.1707, 216.9709

0.0000

337.3508,
374.0974, 264.6868

■ 0.0995, 0.4511,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4811, 64.2096,
30.5886

■ 55.4811, 64.2096,
30.5886

■ 53.9682, 63.5815,
23.7558

■ 57.2998, 64.9647,
39.0122

■ 52.7374, 63.0640,
18.4101

■ 59.4368, 65.8450,
49.1136

■ 51.7691, 62.6517,
14.4419

■ 61.9097, 66.8598,
60.9785

■ 51.0395, 62.3349,
11.7247

■ 64.7334, 68.0150,
74.6853

■ 50.5200, 62.1024,
10.1088

■ 67.9220, 69.3163,
90.3078

■ 50.1623, 61.9346,
9.3394

■ 70.8368, 70.5082,
104.4837

■ 50.1469, 61.9273,
9.3101

■ 71.0627, 70.6247,
104.4943

■ 71.2897, 70.7417,
104.5049

■ 71.5176, 70.8592,
104.5155

Harmonies

Analogous

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



64.9719, 64.2096, 29.7713



55.4811, 64.2096, 30.5886



48.2627, 64.2096, 40.0500

Triad

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



55.4811, 64.2096, 30.5886



49.4395, 64.2096, 117.2588



81.0231, 64.2096, 81.5631

Complementary

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



55.4811, 64.2096, 30.5886



29.9235, 25.8597, 67.7080

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.



75.8693, 64.2096, 111.8263



55.4811, 64.2096, 30.5886



57.2495, 64.2096, 135.7849

Square

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



55.4811, 64.2096, 30.5886



45.0359, 64.2096, 87.6257



66.9356, 64.2096, 133.5696



80.4210, 64.2096, 54.7648

Rectangle

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



55.4811, 64.2096, 30.5886



45.4014, 64.2096, 51.8345



66.9356, 64.2096, 133.5696



79.8858, 64.2096, 91.7717

Sweetspot

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



55.4827, 64.2125, 30.5899



90.1120, 97.9789, 84.9682



40.4204, 32.7898, 25.3186



19.1824, 20.9284, 17.6807



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.



55.4827, 64.2125, 30.5899



79.8419, 93.7387, 36.8623



44.8377, 58.7248, 30.0918



13.4274, 14.4965, 13.2511



30.0120, 37.0481, 5.5692



1.8240, 2.2417, 0.3366

Inverse Universe

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



29.9235, 25.8597, 67.7080



37.4472, 30.1122, 98.4463



38.0044, 30.0255, 68.0861



11.7828, 12.0294, 15.6384



7.4120, 2.9735, 38.6364



0.4617, 0.1869, 2.3310

Previews

White Background



This preview shows how the XYZ color 55.4811, 64.2096, 30.5886 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 55.4811, 64.2096, 30.5886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

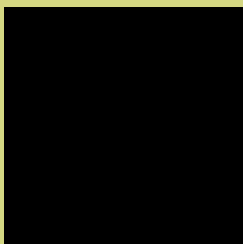
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

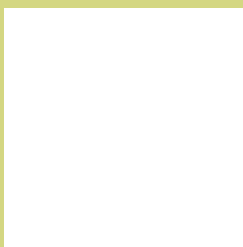
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4811, 64.2096, 30.5886

Background



This preview shows how black text looks on a background with the XYZ color 55.4811, 64.2096, 30.5886.



This preview shows how white text looks on a background with the XYZ color 55.4811, 64.2096,

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

55.4811, 64.2096, 30.5886

Protanopia

59.2560, 64.3097, 29.7120

Deuteranopia

65.3959, 63.8847, 31.0745



Tritanopia

64.6353, 63.8826, 76.6341

Trichromacy



Original Color

55.4811, 64.2096, 30.5886

Protanomaly

57.9374, 64.3599, 30.1380

Deuteranomaly

61.2561, 63.5057, 30.8591

Tritanomaly

60.4390, 63.6050, 56.1052

Monochromacy



Original Color

55.4811, 64.2096, 30.5886

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.2238, 61.5515, 50.5123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4811, 64.2096, 30.5886 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(212, 215, 130)` looks like.

```
.text, #text, p{  
    color:rgb(212, 215, 130)  
}
```

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(212, 215, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 215, 130) }
```

Border

The CSS property to change the border of an element to XYZ 55.4811, 64.2096, 30.5886 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(212, 215, 130) }
```


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

```
.border{ border-color:rgb(212, 215, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 215, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 215, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 215, 130);  
box-shadow:4px 4px 4px 4px rgb(212, 215,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4811, 64.2096, 30.5886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 215, 130) }
```

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

```
.background{ background-color: rgb(212,  
215, 130) }
```

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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