

Converting Colors

XYZ(57.2754, 63.9635, 31.2057)

Have a look what the booklet for
XYZ(57.2754, 63.9635, 31.2057)
contains.

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Color

**XYZ(57.2235, 63.9686,
31.1610)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD484
RGB	220, 212, 132
RGB Percent	86%, 83%, 52%
CMY	0.1373, 0.1686, 0.4823
CMYK	0.00, 0.04, 0.40, 0.14
HSL	55°, 56%, 69%
HSV	55°, 40%, 86%
XYZ	57.2235, 63.9686, 31.1610
YIQ	205.2720, 30.4480, -23.1840

Conversions

Conversions Part 2

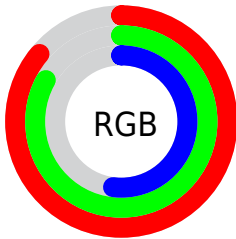
Format	Color
RYB	141, 220, 132
Decimal	14472324
CIELab	83.95, -8.62, 40.53
CIELCh	84, 41.434, 102.007
Yxy	63.9686, 0.3756, 0.4199
Android (android.graphics.Color)	4292662404 (0xFFDCD484)
YUV	205.2720, -36.1231, 12.9165
Hunter-Lab	79.9804, -12.2544, 32.8864

Details

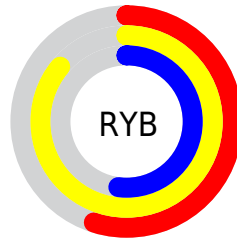
The XYZ color **57.2235, 63.9686, 31.1610** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.8118, 28.8281, 71.5976**, and the grayscale version is **58.4122, 61.4542, 66.9236**.

A 20% lighter version of the original color is **85.8629, 96.3252, 60.5215**, and **29.0219, 32.9403, 12.6131** is the 20% darker color. If you saturate the color by 10%, you get **55.3781, 62.4383, 23.8856**, and if you desaturate by 10%, it is **59.3957, 65.6441, 40.1130**.

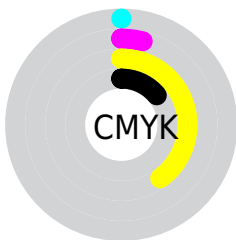
Distribution



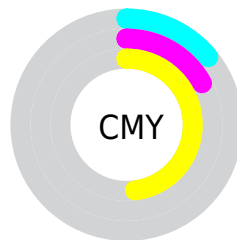
- Red (86%)
- Green (83%)
- Blue (52%)



- Red (55%)
- Yellow (86%)
- Blue (52%)



- Cyan (0%)
- Magenta (4%)
- Yellow (40%)
- Black (14%)



- Cyan (14%)
- Magenta (17%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2235, 63.9686, 31.1610 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 57.2235, 63.9686, 31.1610 by changing the saturation by 10% instead.

■ 57.2235, 63.9686,
31.1610

■ 57.2235, 63.9686,
31.1610

404.2869,
439.0762, 321.6535

■ 41.4255, 46.6252,
20.4620

■ 99.9207, 110.5657,
62.5760

■ 28.8409, 32.7395,
12.5439

■ 127.5507,
140.5883, 84.1291

■ 19.1042, 21.9270,
6.9882

■ 159.8554,
175.6060, 110.1372

■ 11.8500, 13.8032,
3.3764

197.2001,
216.0033, 141.0191

■ 6.7131, 7.9839,
1.2899

239.9503,
262.1646, 177.1930

■ 3.3281, 4.0847,
0.0535

288.4712,

■ 1.3295, 1.7210,

314.4742, 219.0778

0.0000

343.1283,
373.3167, 267.0917

■ 0.2052, 0.4372,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.2235, 63.9686,
31.1610

■ 57.2235, 63.9686,
31.1610

■ 55.3781, 62.4383,
23.8856

■ 59.3957, 65.6441,
40.1130

■ 53.8347, 61.0363,
18.1769


■ 61.9084, 67.4635,
50.8344


■ 52.5724, 59.7566,
13.9180


■ 64.7802, 69.4364,
63.4158


■ 51.5655, 58.5889,
10.9741


■ 68.0268, 71.5693,
77.9406


 50.7836, 57.5209,
9.1853


 71.6633, 73.8682,
94.4871

 50.1729, 56.5311,
8.2673

 74.2199, 75.7452,
105.3162

 50.1728, 56.5310,
8.2672

 74.7602, 76.8257,
105.4963

 75.3068, 77.9190,
105.6785

 75.8597, 79.0249,
105.8628

Harmonies

Analogous

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



66.3817, 63.9686, 31.9621



57.2235, 63.9686, 31.1610



49.8000, 63.9686, 38.5919

Triad

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



57.2235, 63.9686, 31.1610



48.6745, 63.9686, 108.9722



79.0572, 63.9686, 86.3515

Complementary

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



57.2235, 63.9686, 31.1610



31.8118, 28.8281, 71.5976

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.



73.3116, 63.9686, 114.0493



57.2235, 63.9686, 31.1610



55.5407, 63.9686, 129.1933

Square

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



57.2235, 63.9686, 31.1610



45.2052, 63.9686, 80.6336



64.5230, 63.9686, 131.2543



79.6235, 63.9686, 59.7138

Rectangle

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



57.2235, 63.9686, 31.1610



46.5886, 63.9686, 48.6311



64.5230, 63.9686, 131.2543



77.6428, 63.9686, 95.9932

Sweetspot

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



57.2251, 63.9715, 31.1623



89.6285, 96.4228, 84.6933



42.5597, 33.6360, 29.3714



19.0678, 20.5593, 17.6155



0.0000, 0.0000, 0.0000



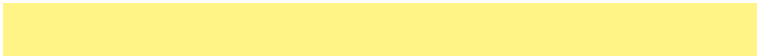
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.2251, 63.9715, 31.1623



77.7610, 87.5723, 34.8504



49.7177, 63.1417, 31.3978



14.0558, 15.0510, 13.8899



29.4891, 33.2638, 4.8663



1.9406, 2.2154, 0.3253

Inverse Universe

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



31.8118, 28.8281, 71.5976



37.5906, 32.0355, 98.8100



37.1487, 29.9079, 71.5247



12.4333, 12.8064, 16.4687



7.7632, 3.3959, 39.9847



0.5364, 0.2870, 2.6016

Previews

White Background



This preview shows how the XYZ color 57.2235, 63.9686, 31.1610 looks on a white background.

Color Contrast Check

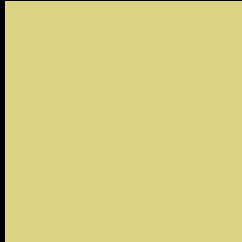
Large Text (above 18pt) WCAG AA × Fail

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 57.2235, 63.9686, 31.1610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

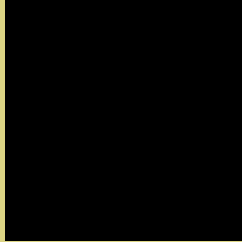
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.2235, 63.9686, 31.1610

Background



This preview shows how black text looks on a background with the XYZ color 57.2235, 63.9686, 31.1610.



This preview shows how white text looks on a background with the XYZ color 57.2235, 63.9686,

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

57.2235, 63.9686, 31.1610

Protanopia

58.8921, 63.7336, 30.6706

Deuteranopia

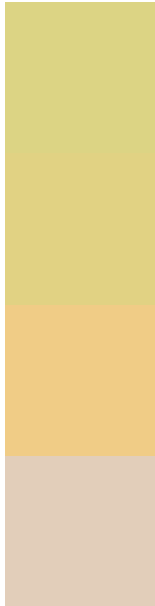
65.1723, 63.7533, 31.7923



Tritanopia

65.9580, 63.9088, 74.5049

Trichromacy



Original Color

57.2235, 63.9686, 31.1610

Protanomaly

58.1947, 63.7394, 30.7085

Deuteranomaly

61.8311, 63.4322, 31.5390

Tritanomaly

62.2983, 63.8565, 55.4964

Monochromacy



Original Color

57.2235, 63.9686, 31.1610

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.1701, 62.0277, 51.0788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2235, 63.9686, 31.1610 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(220, 212, 132)` looks like.

```
.text, #text, p{  
    color:rgb(220, 212, 132)  
}
```

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(220, 212, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 212, 132) }
```

Border

The CSS property to change the border of an element to XYZ 57.2235, 63.9686, 31.1610 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(220, 212, 132) }
```


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

```
.border{ border-color:rgb(220, 212, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 212, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 212, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 212, 132);  
box-shadow:4px 4px 4px 4px rgb(220, 212,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2235, 63.9686, 31.1610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 212, 132) }
```

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

```
.background{ background-color: rgb(220,  
212, 132) }
```

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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