

Converting Colors

XYZ(58.2871, 63.9146, 31.1955)

Have a look what the booklet for
XYZ(58.2871, 63.9146, 31.1955)
contains.

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Color

**XYZ(58.2628, 63.7667,
31.0672)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D284
RGB	225, 210, 132
RGB Percent	88%, 82%, 52%
CMY	0.1176, 0.1764, 0.4823
CMYK	0.00, 0.07, 0.41, 0.12
HSL	50°, 61%, 70%
HSV	50°, 41%, 88%
XYZ	58.2628, 63.7667, 31.0672
YIQ	205.5930, 33.9780, -21.0780

Conversions

Conversions Part 2

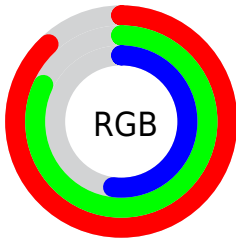
Format	Color
RYB	150, 225, 132
Decimal	14799492
CIELab	83.84, -5.62, 40.48
CIELCh	84, 40.867, 97.911
Yxy	63.7667, 0.3806, 0.4165
Android (android.graphics.Color)	4292989572 (0xFFE1D284)
YUV	205.5930, -36.2813, 17.0199
Hunter-Lab	79.8541, -9.5081, 32.8311

Details

The XYZ color **58.2628, 63.7667, 31.0672** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **33.5398, 31.2082, 75.4901**, and the grayscale version is **58.6167, 61.6693, 67.1579**.

A 20% lighter version of the original color is **85.8629, 96.3252, 60.5215**, and **29.5221, 32.6958, 12.5395** is the 20% darker color. If you saturate the color by 10%, you get **56.0012, 61.4475, 23.5191**, and if you desaturate by 10%, it is **60.8799, 66.2653, 40.3734**.

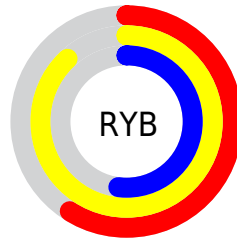
Distribution



Red (88%)

Green (82%)

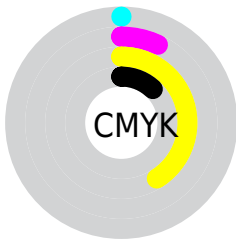
Blue (52%)



Red (59%)

Yellow (88%)

Blue (52%)

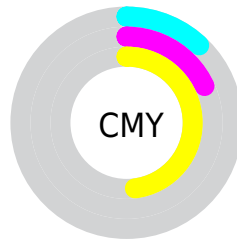


Cyan (0%)

Magenta (7%)

Yellow (41%)

Black (12%)



Cyan (12%)

Magenta (18%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2628, 63.7667, 31.0672 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 58.2628, 63.7667, 31.0672 by changing the saturation by 10% instead.

■ 58.2628, 63.7667,
31.0672

■ 58.2628, 63.7667,
31.0672

408.1026,
438.3467, 321.2086

■ 42.2640, 46.4617,
20.3911

■ 101.4262,
110.2749, 62.4267

■ 29.5001, 32.6103,
12.4928

■ 129.3216,
140.2469, 83.9472

■ 19.6057, 21.8281,
6.9536

■ 161.9132,
175.2100, 109.9195

■ 12.2153, 13.7307,
3.3551

199.5665,
215.5487, 140.7623

■ 6.9637, 7.9336,
1.2787

242.6467,
261.6473, 176.8941

■ 3.4856, 4.0525,
0.0442

291.5192,

■ 1.4154, 1.7030,

313.8903, 218.7334

0.0000

346.5494,
372.6619, 266.6987

■ 0.2672, 0.4256,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2628, 63.7667,
31.0672

■ 58.2628, 63.7667,
31.0672

■ 56.0012, 61.4475,
23.5191

■ 60.8799, 66.2653,
40.3734

■ 54.0688, 59.2898,
17.6117


■ 63.8676, 68.9424,
51.5372


■ 52.4428, 57.2869,
13.2192


■ 67.2457, 71.8087,
64.6553


■ 51.0955, 55.4272,
10.1962


■ 71.0311, 74.8710,
79.8166


 49.9937, 53.6974,
8.3685

 75.2399, 78.1360,
97.1045

 49.1894, 52.2837,
7.4992

 77.8938, 80.8124,
106.1007

 78.9242, 82.8733,
106.4441

 79.9758, 84.9765,
106.7947

 81.0487, 87.1224,
107.1523

Harmonies

Analogous

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



67.3357, 63.7667, 32.9520



58.2628, 63.7667, 31.0672



50.6064, 63.7667, 37.2690

Triad

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



58.2628, 63.7667, 31.0672



47.9812, 63.7667, 104.4615



78.0560, 63.7667, 89.7352

Complementary

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



58.2628, 63.7667, 31.0672



33.5398, 31.2082, 75.4901

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.



71.8483, 63.7667, 116.2074



58.2628, 63.7667, 31.0672



54.3447, 63.7667, 126.0681

Square

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



58.2628, 63.7667, 31.0672



45.0648, 63.7667, 76.4619



63.0160, 63.7667, 130.8281



79.3689, 63.7667, 62.8451

Rectangle

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



58.2628, 63.7667, 31.0672



47.1255, 63.7667, 46.3360



63.0160, 63.7667, 130.8281



76.4449, 63.7667, 99.1518

Sweetspot

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



58.2644, 63.7696, 31.0685



88.9551, 95.0760, 84.4688



44.6088, 34.6331, 32.1444



18.9084, 20.2404, 17.5623



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.



58.2644, 63.7696, 31.0685



74.6526, 81.9037, 32.1243



53.3385, 66.9858, 31.9489



14.6738, 15.6335, 14.5510



28.4176, 30.2731, 4.3455



2.0207, 2.2004, 0.3182

Inverse Universe

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



33.5398, 31.2082, 75.4901



37.4759, 32.9682, 98.9960



36.9467, 29.7261, 75.0245



13.1297, 13.5984, 17.3204



8.2556, 3.9807, 41.3816



0.6276, 0.3867, 2.8868

Previews

White Background



This preview shows how the XYZ color 58.2628, 63.7667, 31.0672 looks on a white background.

Color Contrast Check

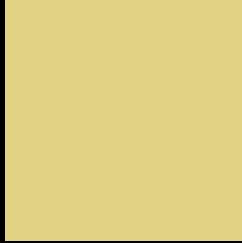
Large Text (above 18pt) WCAG AA × Fail

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 58.2628, 63.7667, 31.0672 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 58.2628, 63.7667, 31.0672

Background



This preview shows how black text looks on a background with the XYZ color 58.2628, 63.7667, 31.0672.



This preview shows how white text looks on a background with the XYZ color 58.2628, 63.7667,

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

58.2628, 63.7667, 31.0672

Protanopia

58.9602, 63.7609, 31.0293

Deuteranopia

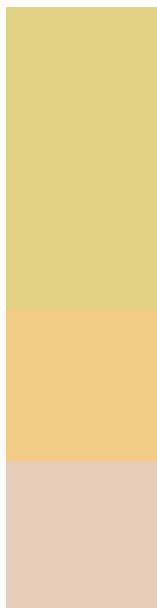
65.1022, 63.7252, 31.4232



Tritanopia

66.8517, 63.7073, 73.0632

Trichromacy



Original Color

58.2628, 63.7667, 31.0672

Protanomaly

58.6439, 63.5978, 31.0145

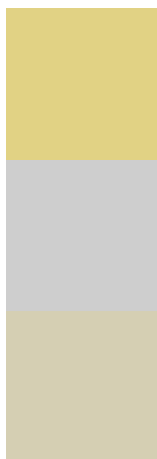
Deuteranomaly

62.4445, 63.7564, 31.2053

Tritanomaly

63.3048, 63.6774, 54.8534

Monochromacy



Original Color

58.2628, 63.7667, 31.0672

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.8901, 62.0265, 51.5690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2628, 63.7667, 31.0672 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(225, 210, 132)` looks like.

```
.text, #text, p{  
    color:rgb(225, 210, 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(225, 210, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 210, 132) }
```

Border

The CSS property to change the border of an element to XYZ 58.2628, 63.7667, 31.0672 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(225, 210, 132) }
```


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

```
.border{ border-color:rgb(225, 210, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 210, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 210, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 210, 132);  
box-shadow:4px 4px 4px 4px rgb(225, 210,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2628, 63.7667, 31.0672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 210, 132) }
```

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

```
.background{ background-color: rgb(225,  
210, 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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