

Converting Colors

XYZ(57.7377, 64.0385, 31.5482)

Have a look what the booklet for
XYZ(57.7377, 64.0385, 31.5482)
contains.

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Color

**XYZ(57.9013, 64.3100,
31.5516)**

Conversions

Conversions Part 1

Format	Color
Hex	DED485
RGB	222, 212, 133
RGB Percent	87%, 83%, 52%
CMY	0.1294, 0.1686, 0.4784
CMYK	0.00, 0.05, 0.40, 0.13
HSL	53°, 57%, 70%
HSV	53°, 40%, 87%
XYZ	57.9013, 64.3100, 31.5516
YIQ	205.9840, 31.3190, -22.4490

Conversions

Conversions Part 2

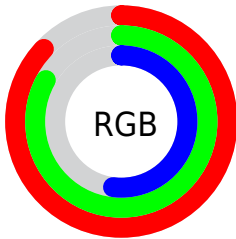
Format	Color
RYB	144, 222, 133
Decimal	14603397
CIELab	84.13, -7.72, 40.28
CIELCh	84, 41.018, 100.854
Yxy	64.3100, 0.3766, 0.4182
Android (android.graphics.Color)	4292793477 (0xFFDED485)
YUV	205.9840, -35.9811, 14.0460
Hunter-Lab	80.1935, -11.4581, 32.8082

Details

The XYZ color **57.9013, 64.3100, 31.5516** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **32.6799, 29.9045, 73.1569**, and the grayscale version is **58.8664, 61.9320, 67.4440**.

A 20% lighter version of the original color is **85.9696, 96.3679, 61.0835**, and **29.2669, 33.0622, 12.8218** is the 20% darker color. If you saturate the color by 10%, you get **55.9090, 62.5259, 24.1039**, and if you desaturate by 10%, it is **60.2306, 66.2489, 40.7123**.

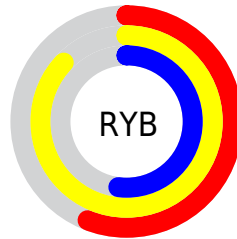
Distribution



Red (87%)

Green (83%)

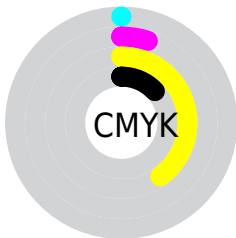
Blue (52%)



Red (56%)

Yellow (87%)

Blue (52%)

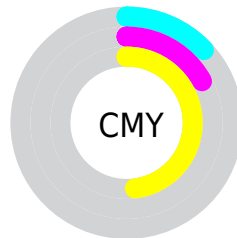


Cyan (0%)

Magenta (5%)

Yellow (40%)

Black (13%)



Cyan (13%)

Magenta (17%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9013, 64.3100, 31.5516 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 57.9013, 64.3100, 31.5516 by changing the saturation by 10% instead.

■ 57.9013, 64.3100,
31.5516

■ 57.9013, 64.3100,
31.5516

406.7778,
440.3082, 323.5011

■ 41.9723, 46.9018,
20.7573

■ 100.9029,
111.0573, 63.1972

■ 29.2706, 32.9580,
12.7572

■ 128.7062,
141.1651, 84.8855

■ 19.4309, 22.0943,
7.1328

■ 161.1982,
176.2750, 111.0423

■ 12.0879, 13.9262,
3.4656

198.7445,
216.7713, 142.0860

■ 6.8762, 8.0694,
1.3370

241.7102,
263.0383, 178.4352

■ 3.4304, 4.1394,
0.0918

290.4607,

■ 1.3853, 1.7518,

315.4606, 220.5084

0.0000

345.3615,
374.4224, 268.7242

■ 0.2457, 0.4569,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9013, 64.3100,
31.5516

■ 57.9013, 64.3100,
31.5516

■ 55.9090, 62.5259,
24.1039

■ 60.2306, 66.2489,
40.7123

■ 54.2283, 60.8794,
18.2566


■ 62.9109, 68.3414,
51.6809


■ 52.8377, 59.3643,
13.8903


■ 65.9612, 70.5975,
64.5503


■ 51.7111, 57.9699,
10.8667


■ 69.3978, 73.0236,
79.4056


 50.8171, 56.6837,
9.0219


 73.2360, 75.6260,
96.3270

 50.1063, 55.4939,
8.0705

 75.6333, 77.6679,
105.6128

 76.3200, 79.0412,
105.8417

 77.0166, 80.4344,
106.0739

 77.7231, 81.8475,
106.3094

Harmonies

Analogous

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



67.0209, 64.3100, 32.6623



57.9013, 64.3100, 31.5516



50.4184, 64.3100, 38.6478

Triad

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



57.9013, 64.3100, 31.5516



48.8672, 64.3100, 108.0100



79.1115, 64.3100, 87.7021

Complementary

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



57.9013, 64.3100, 31.5516



32.6799, 29.9045, 73.1569

Split Complementary

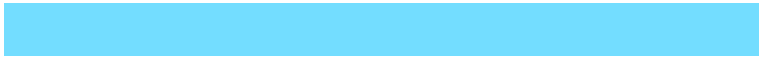
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.2486, 64.3100, 114.9677



57.9013, 64.3100, 31.5516



55.5849, 64.3100, 128.5509

Square

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



57.9013, 64.3100, 31.5516



45.5562, 64.3100, 79.8483



64.4656, 64.3100, 131.3720



79.8886, 64.3100, 61.0381

Rectangle

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



57.9013, 64.3100, 31.5516



47.1318, 64.3100, 48.4176



64.4656, 64.3100, 131.3720



77.6447, 64.3100, 97.2542

Sweetspot

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



57.9029, 64.3129, 31.5529



89.4224, 96.0107, 84.6246



43.4992, 34.3001, 30.4678



19.0190, 20.4617, 17.5992



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.



57.9029, 64.3129, 31.5529



76.9769, 86.0040, 34.5890



51.0655, 64.6127, 31.9712



14.7335, 15.7529, 14.5709



29.8138, 33.0655, 4.8109



2.1045, 2.3678, 0.3461

Inverse Universe

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



32.6799, 29.9045, 73.1569



37.9920, 32.8384, 98.9438



37.5339, 30.2779, 72.9731



13.0754, 13.4898, 17.3023



8.0774, 3.6244, 41.3222



0.6019, 0.3352, 2.8782

Previews

White Background



This preview shows how the XYZ color 57.9013, 64.3100, 31.5516 looks on a white background.

Color Contrast Check

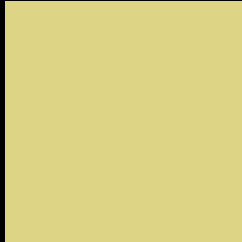
Large Text (above 18pt) WCAG AA × Fail

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 57.9013, 64.3100, 31.5516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

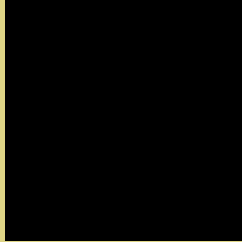
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9013, 64.3100, 31.5516

Background



This preview shows how black text looks on a background with the XYZ color 57.9013, 64.3100, 31.5516.



This preview shows how white text looks on a background with the XYZ color 57.9013, 64.3100,

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

57.9013, 64.3100, 31.5516

Protanopia

59.5245, 64.4171, 31.1263

Deuteranopia

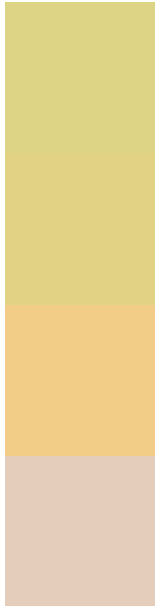
65.8386, 64.4335, 32.2594



Tritanopia

66.7304, 64.2919, 75.2222

Trichromacy



Original Color

57.9013, 64.3100, 31.5516

Protanomaly

58.8232, 64.4232, 31.1644

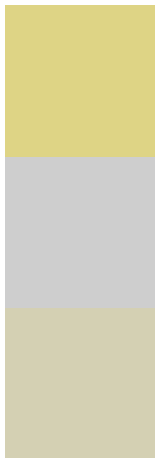
Deuteranomaly

62.8224, 64.2892, 32.0196

Tritanomaly

63.0359, 64.2244, 56.0879

Monochromacy



Original Color

57.9013, 64.3100, 31.5516

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.8439, 62.3635, 51.6365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9013, 64.3100, 31.5516 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(222, 212, 133)` looks like.

```
.text, #text, p{  
    color:rgb(222, 212, 133)  
}
```

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(222, 212, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 212, 133) }
```

Border

The CSS property to change the border of an element to XYZ 57.9013, 64.3100, 31.5516 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(222, 212, 133) }
```


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

```
.border{ border-color:rgb(222, 212, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 212, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 212, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 212, 133);  
box-shadow:4px 4px 4px 4px rgb(222, 212,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9013, 64.3100, 31.5516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 212, 133) }
```

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

```
.background{ background-color: rgb(222,  
212, 133) }
```

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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