

Converting Colors

XYZ(57.1554, 63.2924, 32.8947)

Have a look what the booklet for
XYZ(57.1554, 63.2924, 32.8947)
contains.

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Color

**XYZ(57.0772, 63.1150,
32.8410)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD289
RGB	220, 210, 137
RGB Percent	86%, 82%, 54%
CMY	0.1373, 0.1764, 0.4627
CMYK	0.00, 0.05, 0.38, 0.14
HSL	53°, 54%, 70%
HSV	53°, 38%, 86%
XYZ	57.0772, 63.1150, 32.8410
YIQ	204.6680, 29.3930, -20.5830

Conversions

Conversions Part 2

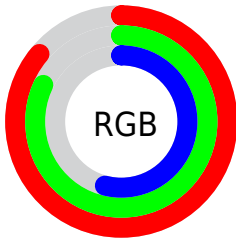
Format	Color
R _Y B	148, 220, 137
Decimal	14471817
CIE Lab	83.50, -7.05, 37.43
CIE LCh	84, 38.089, 100.673
Yxy	63.1150, 0.3730, 0.4124
Android (android.graphics.Color)	4292661897 (0xFFDCD289)
YUV	204.6680, -33.3603, 13.4462
Hunter-Lab	79.4449, -10.7854, 31.1021

Details

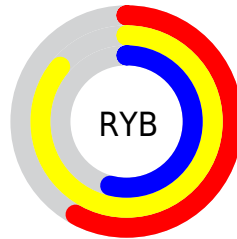
The XYZ color **57.0772, 63.1150, 32.8410** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.6684, 31.3522, 71.9873**, and the grayscale version is **58.0109, 61.0319, 66.4638**.

A 20% lighter version of the original color is **86.4040, 96.5416, 63.3706**, and **28.8780, 32.3413, 13.5246** is the 20% darker color. If you saturate the color by 10%, you get **55.0092, 61.2521, 25.1438**, and if you desaturate by 10%, it is **59.4810, 65.1340, 42.2390**.

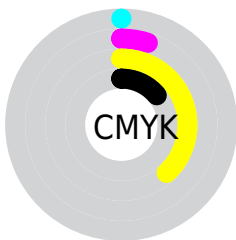
Distribution



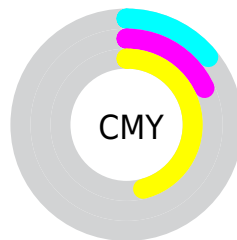
- Red (86%)
- Green (82%)
- Blue (54%)



- Red (58%)
- Yellow (86%)
- Blue (54%)



- Cyan (0%)
- Magenta (5%)
- Yellow (38%)
- Black (14%)



- Cyan (14%)
- Magenta (18%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0772, 63.1150, 32.8410 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 57.0772, 63.1150, 32.8410 by changing the saturation by 10% instead.

■ 57.0772, 63.1150,
32.8410

■ 57.0772, 63.1150,
32.8410

403.7480,
435.9867, 329.5427

■ 41.3076, 45.9342,
21.7346

■ 99.7085, 109.3354,
65.2404

■ 28.7483, 32.1939,
13.4655

■ 127.3010,
139.1438, 87.3703

■ 19.0338, 21.5097,
7.6154

■ 159.5651,
173.9303, 114.0119

■ 11.7988, 13.4971,
3.7656

196.8662,
214.0792, 145.5837

■ 6.6781, 7.7717,
1.4977

239.5697,
259.9749, 182.5040

■ 3.3061, 3.9492,
0.2162

288.0410,

■ 1.3176, 1.6452,

312.0018, 225.1917

0.0000

342.6453,
370.5442, 274.0650

■ 0.1964, 0.3878,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0772, 63.1150,
32.8410

■ 57.0772, 63.1150,
32.8410

■ 55.0092, 61.2521,
25.1438

■ 59.4810, 65.1340,
42.2390

■ 53.2525, 59.5288,
19.0399

■ 62.2339, 67.3079,
53.4289

■ 51.7868, 57.9390,
14.4155

■ 65.3543, 69.6462,
66.4998

■ 50.5873, 56.4727,
11.1400

■ 68.8578, 72.1553,
81.5339

■ 49.6248, 55.1183,
9.0604

■ 72.7591, 74.8412,
98.6085

■ 48.8591, 53.8594,
7.9644

■ 74.7347, 76.7745,
105.4878

■ 48.6978, 53.5807,
7.7755

■ 75.4602, 78.2256,
105.7296

■ 76.1970, 79.6991,
105.9752

■ 76.9449, 81.1951,
106.2245

Harmonies

Analogous

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



65.4353, 63.1150, 33.9457



57.0772, 63.1150, 32.8410



50.1637, 63.1150, 39.5235

Triad

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



57.0772, 63.1150, 32.8410



48.6654, 63.1150, 103.0785



76.3699, 63.1150, 85.0103

Complementary

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



57.0772, 63.1150, 32.8410



33.6684, 31.3522, 71.9873

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.



71.0200, 63.1150, 109.6108



57.0772, 63.1150, 32.8410



54.8534, 63.1150, 121.5959

Square

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



57.0772, 63.1150, 32.8410



45.6138, 63.1150, 77.5525



62.9980, 63.1150, 124.2295



77.1054, 63.1150, 60.5877

Rectangle

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



57.0772, 63.1150, 32.8410



47.1058, 63.1150, 48.6523



62.9980, 63.1150, 124.2295



75.0298, 63.1150, 93.6664

Sweetspot

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



57.0788, 63.1179, 32.8423



89.7901, 96.1871, 86.4704



43.8119, 35.2479, 32.5398



19.0898, 20.4917, 17.9664



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.



57.0788, 63.1179, 32.8423



77.5013, 86.1793, 37.4572



51.2361, 63.8842, 33.2982



14.0214, 14.9822, 13.8784



28.6349, 31.5554, 4.5816



1.8936, 2.1214, 0.3097

Inverse Universe

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



33.6684, 31.3522, 71.9873



40.4742, 35.9508, 99.4137



37.8926, 31.3222, 71.7589



12.4644, 12.8685, 16.4791



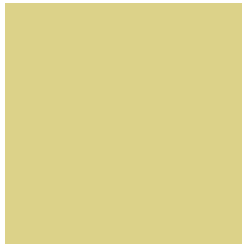
7.8476, 3.5646, 40.0128



0.5512, 0.3165, 2.6065

Previews

White Background



This preview shows how the XYZ color 57.0772, 63.1150, 32.8410 looks on a white background.

Color Contrast Check

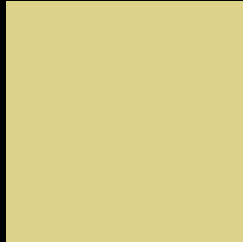
Large Text (above 18pt) WCAG AA × Fail

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 57.0772, 63.1150, 32.8410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

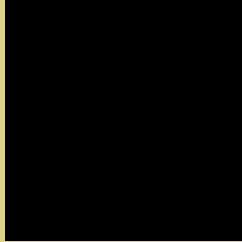
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0772, 63.1150, 32.8410

Background



This preview shows how black text looks on a background with the XYZ color 57.0772, 63.1150, 32.8410.



This preview shows how white text looks on a background with the XYZ color 57.0772, 63.1150,

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

57.0772, 63.1150, 32.8410

Protanopia

58.3638, 63.0581, 32.3879

Deuteranopia

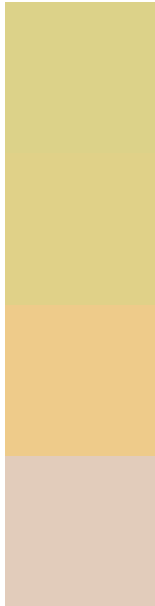
64.1505, 62.8507, 33.1764



Tritanopia

65.3620, 62.9244, 73.6664

Trichromacy



Original Color

57.0772, 63.1150, 32.8410

Protanomaly

57.9849, 63.2258, 32.4402

Deuteranomaly

61.2033, 62.7240, 32.9259

Tritanomaly

61.9265, 62.9423, 55.8989

Monochromacy



Original Color

57.0772, 63.1150, 32.8410

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.1294, 61.6226, 52.0633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0772, 63.1150, 32.8410 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, 210, 137)` looks like.

```
.text, #text, p{  
    color:rgb(220, 210, 137)  
}
```

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, 210, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 210, 137) }
```

Border

The CSS property to change the border of an element to XYZ 57.0772, 63.1150, 32.8410 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, 210, 137) }
```


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

```
.border{ border-color:rgb(220, 210, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 210, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 210, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 210, 137);  
box-shadow:4px 4px 4px 4px rgb(220, 210,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0772, 63.1150, 32.8410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 210, 137) }
```

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

```
.background{ background-color: rgb(220,  
210, 137) }
```

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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