

Converting Colors

XYZ(57.4186, 63.5032, 32.5326)

Have a look what the booklet for
XYZ(57.4186, 63.5032, 32.5326)
contains.

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Color

**XYZ(57.5570, 63.7383,
32.5617)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD388
RGB	221, 211, 136
RGB Percent	87%, 83%, 53%
CMY	0.1333, 0.1725, 0.4667
CMYK	0.00, 0.05, 0.38, 0.13
HSL	53°, 56%, 70%
HSV	53°, 38%, 87%
XYZ	57.5570, 63.7383, 32.5617
YIQ	205.4400, 30.0350, -21.2050

Conversions

Conversions Part 2

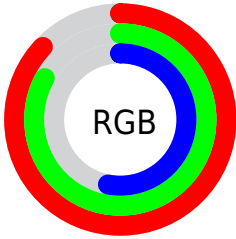
Format	Color
RYB	147, 221, 136
Decimal	14537608
CIELab	83.83, -7.28, 38.37
CIELCh	84, 39.059, 100.746
Yxy	63.7383, 0.3741, 0.4143
Android (android.graphics.Color)	4292727688 (0xFFDDD388)
YUV	205.4400, -34.2339, 13.6461
Hunter-Lab	79.8363, -11.0260, 31.7036

Details

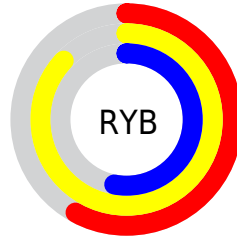
The XYZ color **57.5570, 63.7383, 32.5617** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.4832, 31.0115, 72.6276**, and the grayscale version is **58.5080, 61.5550, 67.0333**.

A 20% lighter version of the original color is **86.2943, 96.4977, 62.7929**, and **29.2137, 32.7692, 13.3797** is the 20% darker color. If you saturate the color by 10%, you get **55.5058, 61.8955, 24.9120**, and if you desaturate by 10%, it is **59.9457, 65.7374, 41.9230**.

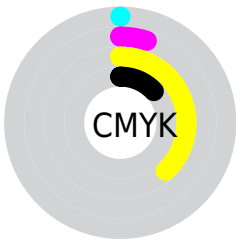
Distribution



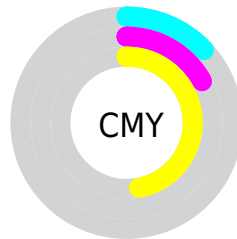
- Red (87%)
- Green (83%)
- Blue (53%)



- Red (58%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (5%)
- Yellow (38%)
- Black (13%)



- Cyan (13%)
- Magenta (17%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5570, 63.7383, 32.5617 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 57.5570, 63.7383, 32.5617 by changing the saturation by 10% instead.

■ 57.5570, 63.7383,
32.5617

■ 57.5570, 63.7383,
32.5617

405.5137,
438.2440, 328.2413

■ 41.6945, 46.4387,
21.5225

■ 100.4041,
110.2340, 64.7987

■ 29.0522, 32.5922,
13.3115

■ 128.1195,
140.1989, 86.8337

■ 19.2648, 21.8142,
7.5102

■ 160.5165,
175.1543, 113.3709

■ 11.9669, 13.7205,
3.6999

197.9605,
215.4847, 144.8291

■ 6.7932, 7.9265,
1.4622

240.8169,
261.5745, 181.6267

■ 3.3783, 4.0479,
0.1895

289.4509,

■ 1.3568, 1.7004,

313.8081, 224.1822

0.0000

344.2281,
372.5698, 272.9142

■ 0.2251, 0.4239,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5570, 63.7383,
32.5617

■ 57.5570, 63.7383,
32.5617

■ 55.5058, 61.8955,
24.9120

■ 59.9457, 65.7374,
41.9230

■ 53.7672, 60.1920,
18.8643


■ 62.6855, 67.8914,
53.0886


■ 52.3205, 58.6219,
14.3028


■ 65.7950, 70.2102,
66.1491


■ 51.1403, 57.1748,
11.0939


■ 69.2901, 72.7002,
81.1879


 50.1968, 55.8387,
9.0807


 73.1858, 75.3673,
98.2835

 49.4456, 54.5959,
8.0297

 75.2277, 77.3101,
105.5652

 49.3372, 54.4089,
7.9016

 75.9422, 78.7390,
105.8033

 76.6674, 80.1895,
106.0450

 77.4035, 81.6615,
106.2904

Harmonies

Analogous

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



66.1858, 63.7383, 33.6693



57.5570, 63.7383, 32.5617



50.4388, 63.7383, 39.4068

Triad

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



57.5570, 63.7383, 32.5617



48.9227, 63.7383, 105.0322



77.5287, 63.7383, 86.1748

Complementary

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



57.5570, 63.7383, 32.5617



33.4832, 31.0115, 72.6276

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.



71.9999, 63.7383, 111.7014



57.5570, 63.7383, 32.5617



55.3026, 63.7383, 124.2429

Square

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



57.5570, 63.7383, 32.5617



45.7759, 63.7383, 78.5880



63.7098, 63.7383, 126.9366



78.2777, 63.7383, 60.9579

Rectangle

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



57.5570, 63.7383, 32.5617



47.2978, 63.7383, 48.7775



63.7098, 63.7383, 126.9366



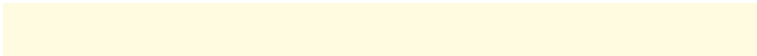
76.1446, 63.7383, 95.1437

Sweetspot

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



57.5586, 63.7412, 32.5630



89.3718, 95.9094, 84.6077



43.9161, 35.0982, 32.2019



19.0070, 20.4377, 17.5952



0.0000, 0.0000, 0.0000



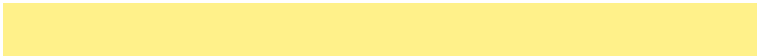
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5586, 63.7412, 32.5630



77.3226, 86.1200, 36.4785



51.4943, 64.4163, 33.0129



14.0247, 14.9888, 13.8795



28.7153, 31.7162, 4.6084



1.8981, 2.1302, 0.3111

Inverse Universe

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



33.4832, 31.0115, 72.6276



39.6276, 34.8897, 99.2535



37.8275, 31.0632, 72.4086



12.4614, 12.8625, 16.4781



7.8387, 3.5468, 40.0099



0.5498, 0.3136, 2.6060

Previews

White Background



This preview shows how the XYZ color 57.5570, 63.7383, 32.5617 looks on a white background.

Color Contrast Check

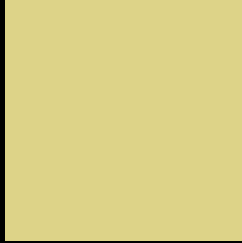
Large Text (above 18pt) WCAG AA × Fail

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 57.5570, 63.7383, 32.5617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

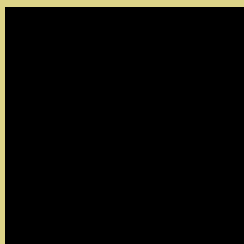
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5570, 63.7383, 32.5617

Background



This preview shows how black text looks on a background with the XYZ color 57.5570, 63.7383, 32.5617.



This preview shows how white text looks on a background with the XYZ color 57.5570, 63.7383,

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

57.5570, 63.7383, 32.5617

Protanopia

58.8522, 63.6811, 32.1115

Deuteranopia

65.0254, 63.6528, 32.9038



Tritanopia

66.0442, 63.6060, 74.4419

Trichromacy



Original Color

57.5570, 63.7383, 32.5617

Protanomaly

58.4711, 63.8500, 32.1642

Deuteranomaly

62.0434, 63.5171, 32.6569

Tritanomaly

62.5870, 63.6244, 56.5590

Monochromacy



Original Color

57.5570, 63.7383, 32.5617

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.4150, 61.7698, 52.0767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5570, 63.7383, 32.5617 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(221, 211, 136)` looks like.

```
.text, #text, p{  
    color:rgb(221, 211, 136)  
}
```

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(221, 211, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 211, 136) }
```

Border

The CSS property to change the border of an element to XYZ 57.5570, 63.7383, 32.5617 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(221, 211, 136) }
```


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

```
.border{ border-color:rgb(221, 211, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 211, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 211, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 211, 136);  
box-shadow:4px 4px 4px 4px rgb(221, 211,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5570, 63.7383, 32.5617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 211, 136) }
```

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

```
.background{ background-color: rgb(221,  
211, 136) }
```

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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