

Converting Colors

XYZ(57.1008, 65.2105, 30.5736)

Have a look what the booklet for
XYZ(57.1008, 65.2105, 30.5736)
contains.

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Color

**XYZ(56.9450, 64.9643,
30.6571)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D782
RGB	217, 215, 130
RGB Percent	85%, 84%, 51%
CMY	0.1490, 0.1568, 0.4902
CMYK	0.00, 0.01, 0.40, 0.15
HSL	59°, 53%, 68%
HSV	59°, 40%, 85%
XYZ	56.9450, 64.9643, 30.6571
YIQ	205.9080, 28.4770, -26.0110

Conversions

Conversions Part 2

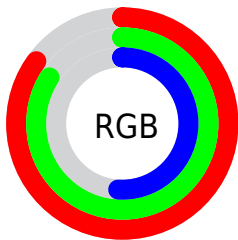
Format	Color
RYB	132, 217, 130
Decimal	14276482
CIELab	84.47, -11.53, 42.13
CIELCh	84, 43.680, 105.304
Yxy	64.9643, 0.3732, 0.4258
Android (android.graphics.Color)	4292466562 (0xFFD9D782)
YUV	205.9080, -37.4226, 9.7277
Hunter-Lab	80.6004, -14.9388, 33.8688

Details

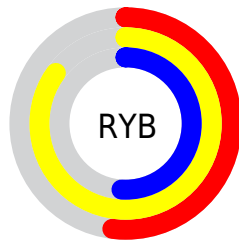
The XYZ color **56.9450, 64.9643, 30.6571** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.9815, 26.2574, 69.1337**, and the grayscale version is **58.8279, 61.8915, 67.3999**.

A 20% lighter version of the original color is **85.6517, 96.2407, 59.4094**, and **28.6800, 33.2832, 12.3098** is the 20% darker color. If you saturate the color by 10%, you get **55.5136, 64.1917, 23.7362**, and if you desaturate by 10%, it is **58.6872, 65.8665, 39.1985**.

Distribution



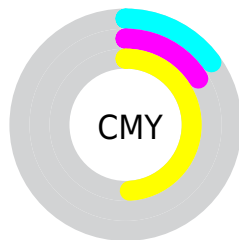
- Red (85%)
- Green (84%)
- Blue (51%)



- Red (52%)
- Yellow (85%)
- Blue (51%)



- Cyan (0%)
- Magenta (1%)
- Yellow (40%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9450, 64.9643, 30.6571 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 56.9450, 64.9643, 30.6571 by changing the saturation by 10% instead.

■ 56.9450, 64.9643,
30.6571

■ 56.9450, 64.9643,
30.6571

403.2607,
442.6637, 319.2576

■ 41.2011, 47.4321,
20.0816

■ 99.5168, 111.9985,
61.7730

■ 28.6646, 33.3774,
12.2697

■ 127.0753,
142.2694, 83.1506

■ 18.9702, 22.4157,
6.8029

■ 159.3027,
177.5553, 108.9659

■ 11.7526, 14.1627,
3.2626

196.5644,
218.2405, 139.6374

■ 6.6465, 8.2339,
1.2302

239.2256,
264.7096, 175.5839

■ 3.2864, 4.2450,
0.0035

287.6519,

■ 1.3069, 1.8115,

317.3469, 217.2237

0.0000

342.2085,
376.5368, 264.9754

■ 0.1884, 0.4943,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9450, 64.9643,
30.6571

■ 56.9450, 64.9643,
30.6571

■ 55.5136, 64.1917,
23.7362

■ 58.6872, 65.8665,
39.1985

■ 54.3687, 63.5319,
18.3292


■ 60.7531, 66.8965,
49.4499


■ 53.4902, 62.9794,
14.3232


■ 63.1609, 68.0638,
61.4992


■ 52.8533, 62.5241,
11.5877


■ 65.9257, 69.3746,
75.4269


 52.4286, 62.1543,
9.9678


 69.0620, 70.8346,
91.3089

 52.1651, 61.8514,
9.1891

 71.7342, 72.1096,
104.7455

 71.8634, 72.3680,
104.7885

 71.9930, 72.6271,
104.8317

 72.1230, 72.8871,
104.8751

Harmonies

Analogous

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



66.6090, 64.9643, 30.5729



56.9450, 64.9643, 30.6571



49.3941, 64.9643, 39.3787

Triad

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



56.9450, 64.9643, 30.6571



49.5151, 64.9643, 116.0002



81.6409, 64.9643, 85.1972

Complementary

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



56.9450, 64.9643, 30.6571



29.9815, 26.2574, 69.1337

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.



76.0038, 64.9643, 115.4422



56.9450, 64.9643, 30.6571



57.1268, 64.9643, 136.1485

Square

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



56.9450, 64.9643, 30.6571



45.4210, 64.9643, 85.8202



66.8108, 64.9643, 135.9210



81.5790, 64.9643, 57.5301

Rectangle

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



56.9450, 64.9643, 30.6571



46.2790, 64.9643, 50.6507



66.8108, 64.9643, 135.9210



80.3257, 64.9643, 95.5304

Sweetspot

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



56.9466, 64.9673, 30.6585



90.2855, 97.7368, 84.9123



40.8251, 32.4084, 26.2586



19.2236, 20.8709, 17.6674



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.



56.9466, 64.9673, 30.6585



80.3174, 92.6852, 35.7025



46.8376, 60.5144, 30.3318



14.1353, 15.2100, 13.9164



31.5893, 37.4642, 5.5664



2.0548, 2.4437, 0.3634

Inverse Universe

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



29.9815, 26.2574, 69.1337



36.3806, 29.6155, 98.4066



37.2152, 29.5889, 69.3954



12.3625, 12.6647, 16.4451



7.6247, 3.1189, 39.9385



0.5026, 0.2193, 2.5903

Previews

White Background



This preview shows how the XYZ color 56.9450, 64.9643, 30.6571 looks on a white background.

Color Contrast Check

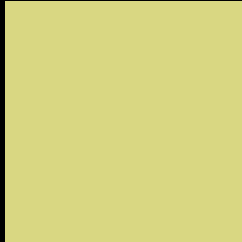
Large Text (above 18pt) WCAG AA × Fail

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 56.9450, 64.9643, 30.6571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

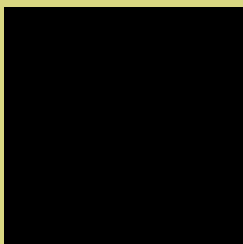
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

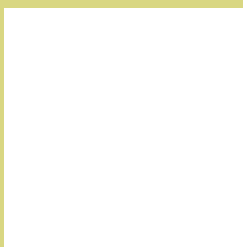
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9450, 64.9643, 30.6571

Background



This preview shows how black text looks on a background with the XYZ color 56.9450, 64.9643, 30.6571.



This preview shows how white text looks on a background with the XYZ color 56.9450, 64.9643,

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

56.9450, 64.9643, 30.6571

Protanopia

59.8237, 64.9700, 29.8095

Deuteranopia

65.9933, 64.5376, 31.1691



Tritanopia

66.1897, 64.6839, 76.7068

Trichromacy



Original Color

56.9450, 64.9643, 30.6571

Protanomaly

58.5573, 64.6795, 30.1670

Deuteranomaly

62.5118, 64.5093, 30.9866

Tritanomaly

61.9569, 64.3876, 56.1763

Monochromacy



Original Color

56.9450, 64.9643, 30.6571

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.4147, 62.5169, 51.1604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9450, 64.9643, 30.6571 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(217, 215, 130)` looks like.

```
.text, #text, p{  
    color:rgb(217, 215, 130)  
}
```

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(217, 215, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 215, 130) }
```

Border

The CSS property to change the border of an element to XYZ 56.9450, 64.9643, 30.6571 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(217, 215, 130) }
```


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

```
.border{ border-color:rgb(217, 215, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 215, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 215, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 215, 130);  
box-shadow:4px 4px 4px 4px rgb(217, 215,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9450, 64.9643, 30.6571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 215, 130) }
```

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

```
.background{ background-color: rgb(217,  
215, 130) }
```

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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