

Converting Colors

XYZ(57.6442, 66.5179, 28.9404)

Have a look what the booklet for
XYZ(57.6442, 66.5179, 28.9404)
contains.

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Color

**XYZ(57.6229, 66.5035,
28.8682)**

Conversions

Conversions Part 1

Format	Color
Hex	DADA7C
RGB	218, 218, 124
RGB Percent	85%, 85%, 49%
CMY	0.1451, 0.1451, 0.5137
CMYK	0.00, 0.00, 0.43, 0.15
HSL	60°, 56%, 67%
HSV	60°, 43%, 85%
XYZ	57.6229, 66.5035, 28.8682
YIQ	207.2840, 30.1740, -29.2340

Conversions

Conversions Part 2

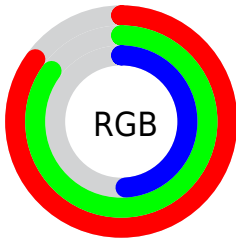
Format	Color
RYB	124, 218, 124
Decimal	14342780
CIELab	85.25, -13.26, 46.09
CIELCh	85, 47.958, 106.047
Yxy	66.5035, 0.3766, 0.4347
Android (android.graphics.Color)	4292532860 (0xFFDADA7C)
YUV	207.2840, -41.0590, 9.3979
Hunter-Lab	81.5497, -16.5841, 36.0964

Details

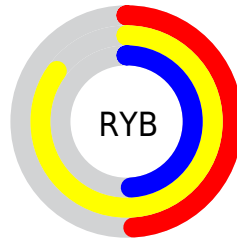
The XYZ color **57.6229, 66.5035, 28.8682** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.1771, 23.7640, 69.4355**, and the grayscale version is **59.7357, 62.8466, 68.4400**.

A 20% lighter version of the original color is **85.0359, 95.9944, 56.1664**, and **28.9648, 34.2393, 11.2131** is the 20% darker color. If you saturate the color by 10%, you get **56.3941, 66.0143, 22.3927**, and if you desaturate by 10%, it is **59.1597, 67.1207, 36.9515**.

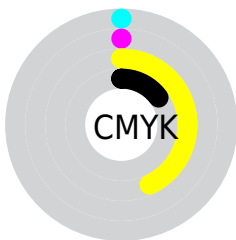
Distribution



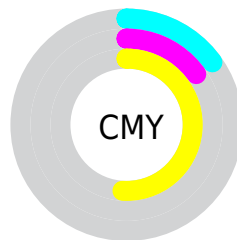
- Red (85%)
- Green (85%)
- Blue (49%)



- Red (49%)
- Yellow (85%)
- Blue (49%)



- Cyan (0%)
- Magenta (0%)
- Yellow (43%)
- Black (15%)



- Cyan (15%)
- Magenta (15%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6229, 66.5035, 28.8682 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 57.6229, 66.5035, 28.8682 by changing the saturation by 10% instead.

■ 57.6229, 66.5035,
28.8682

■ 57.6229, 66.5035,
28.8682

405.7559,
448.1754, 310.6340

■ 41.7476, 48.6812,
18.7364

■ 100.4996,
114.2087, 58.9073

■ 29.0940, 34.3667,
11.3051

■ 128.2318,
144.8604, 79.6517

■ 19.2966, 23.1754,
6.1557

■ 160.6470,
180.5574, 104.7707

■ 11.9900, 14.7231,
2.8697

198.1106,
221.6841, 134.6829

■ 6.8091, 8.6253,
1.0285

240.9879,
268.6248, 169.8068

■ 3.3882, 4.4976,
0.0000

289.6444,

■ 1.3622, 1.9556,

321.7640, 210.5609

0.0000

344.4452,
381.4861, 257.3638

■ 0.2291, 0.5815,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6229, 66.5035,
28.8682

■ 57.6229, 66.5035,
28.8682

■ 56.3941, 66.0143,
22.3927

■ 59.1597, 67.1207,
36.9515

■ 55.4482, 65.6359,
17.4140


■ 61.0182, 67.8641,
46.7357


■ 54.7641, 65.3622,
13.8134


■ 63.2169, 68.7436,
58.3116

■ 54.3153, 65.1827,
11.4527


■ 65.7716, 69.7656,
71.7624


 54.0703, 65.0846,
10.1647


 68.6972, 70.9359,
87.1663

 53.9838, 65.0500,
9.7106

 72.0077, 72.2601,
104.5967

 72.0393, 72.2728,
104.7609

 72.0397, 72.2730,
104.7609

 72.0402, 72.2733,
104.7609

Harmonies

Analogous

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



68.3685, 66.5035, 28.5636



57.6229, 66.5035, 28.8682



49.3640, 66.5035, 38.3865

Triad

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



57.6229, 66.5035, 28.8682



49.8219, 66.5035, 124.4292



85.6654, 66.5035, 87.7754

Complementary

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



57.6229, 66.5035, 28.8682



28.1771, 23.7640, 69.4355

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.



79.4285, 66.5035, 122.2308



57.6229, 66.5035, 28.8682



58.3169, 66.5035, 147.1401

Square

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



57.6229, 66.5035, 28.8682



45.2243, 66.5035, 90.1912



69.1462, 66.5035, 146.2367



85.4244, 66.5035, 57.1361

Rectangle

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



57.6229, 66.5035, 28.8682



46.0150, 66.5035, 50.7843



69.1462, 66.5035, 146.2367



84.2288, 66.5035, 99.4422

Sweetspot

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



57.6245, 66.5065, 28.8696



90.1639, 98.0455, 83.1744



39.7615, 30.7776, 22.9147



19.1401, 20.9223, 16.9671



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.



57.6245, 66.5065, 28.8696



80.5344, 94.1934, 32.4791



45.5067, 60.2596, 28.3025



14.1622, 15.2639, 13.9254



32.3400, 38.9694, 5.8173



2.0952, 2.5246, 0.3769

Inverse Universe

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



28.1771, 23.7640, 69.4355



33.1428, 25.4050, 97.7646



36.6592, 28.1367, 69.8325



12.3388, 12.6173, 16.4372



7.5817, 3.0327, 39.9242



0.4912, 0.1965, 2.5865

Previews

White Background



This preview shows how the XYZ color 57.6229, 66.5035, 28.8682 looks on a white background.

Color Contrast Check

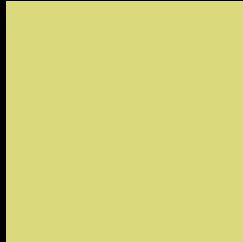
Large Text (above 18pt) WCAG AA × Fail

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 57.6229, 66.5035, 28.8682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

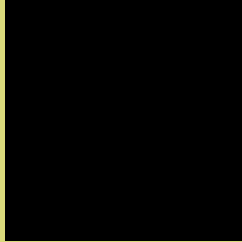
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6229, 66.5035, 28.8682

Background



This preview shows how black text looks on a background with the XYZ color 57.6229, 66.5035, 28.8682.



This preview shows how white text looks on a background with the XYZ color 57.6229, 66.5035,

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

57.6229, 66.5035, 28.8682

Protanopia

60.9114, 66.3173, 28.0025

Deuteranopia

67.3482, 66.2519, 32.9052



Tritanopia

67.9452, 66.6114, 79.0882

Trichromacy



Original Color

57.6229, 66.5035, 28.8682

Protanomaly

59.8705, 66.5249, 28.4240

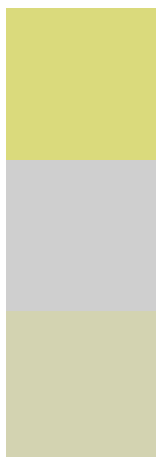
Deuteranomaly

63.5833, 66.1441, 31.2457

Tritanomaly

63.3152, 66.1839, 56.4514

Monochromacy



Original Color

57.6229, 66.5035, 28.8682

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.0940, 63.6117, 50.8114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6229, 66.5035, 28.8682 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(218, 218, 124)` looks like.

```
.text, #text, p{  
    color:rgb(218, 218, 124)  
}
```

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(218, 218, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 218, 124) }
```

Border

The CSS property to change the border of an element to XYZ 57.6229, 66.5035, 28.8682 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(218, 218, 124) }
```


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

```
.border{ border-color:rgb(218, 218, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 218, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 218, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 218, 124);  
box-shadow:4px 4px 4px 4px rgb(218, 218,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6229, 66.5035, 28.8682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 218, 124) }
```

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

```
.background{ background-color: rgb(218,  
218, 124) }
```

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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