

Converting Colors

XYZ(57.0605, 66.0070, 29.6169)

Have a look what the booklet for
XYZ(57.0605, 66.0070, 29.6169)
contains.

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Color

**XYZ(57.1562, 66.2481,
29.5134)**

Conversions

Conversions Part 1

Format	Color
Hex	D8DA7E
RGB	216, 218, 126
RGB Percent	85%, 85%, 49%
CMY	0.1529, 0.1451, 0.5059
CMYK	0.01, 0.00, 0.42, 0.15
HSL	61°, 55%, 67%
HSV	61°, 42%, 85%
XYZ	57.1562, 66.2481, 29.5134
YIQ	206.9140, 28.3400, -29.0360

Conversions

Conversions Part 2

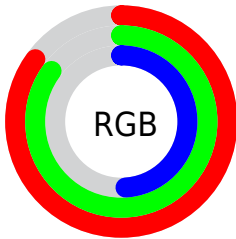
Format	Color
RYB	126, 218, 128
Decimal	14211710
CIELab	85.12, -13.84, 44.92
CIELCh	85, 47.000, 107.129
Yxy	66.2481, 0.3738, 0.4332
Android (android.graphics.Color)	4292401790 (0xFFD8DA7E)
YUV	206.9140, -39.8906, 7.9684
Hunter-Lab	81.3929, -17.0904, 35.4763

Details

The XYZ color **57.1562, 66.2481, 29.5134** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.0202, 24.5745, 69.5474**, and the grayscale version is **59.4903, 62.5884, 68.1587**.

A 20% lighter version of the original color is **85.2382, 96.0753, 57.2319**, and **28.8644, 34.1760, 11.7319** is the 20% darker color. If you saturate the color by 10%, you get **55.7605, 65.6760, 22.8884**, and if you desaturate by 10%, it is **58.8621, 66.9491, 37.7555**.

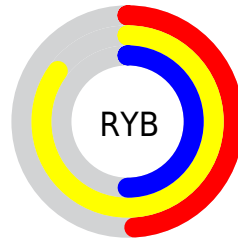
Distribution



Red (85%)

Green (85%)

Blue (49%)



Red (49%)

Yellow (85%)

Blue (50%)

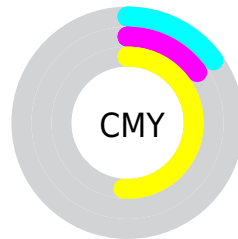


Cyan (1%)

Magenta (0%)

Yellow (42%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1562, 66.2481, 29.5134 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 57.1562, 66.2481, 29.5134 by changing the saturation by 10% instead.

■ 57.1562, 66.2481,
29.5134

■ 57.1562, 66.2481,
29.5134

404.0391,
447.2636, 313.7661

■ 41.3713, 48.4738,
19.2206

■ 99.8231, 113.8423,
59.9437

■ 28.7983, 34.2023,
11.6514

■ 127.4358,
144.4311, 80.9183

■ 19.0718, 23.0490,
6.3871

■ 159.7218,
180.0602, 106.2905

■ 11.8265, 14.6297,
3.0093

197.0465,
221.1139, 136.4790

■ 6.6970, 8.5599,
1.0994

239.7752,
267.9768, 171.9023

■ 3.3180, 4.4553,
0.0000

288.2733,

■ 1.3241, 1.9314,

321.0331, 212.9789

0.0000

342.9062,
380.6672, 260.1273

■ 0.2011, 0.5671,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1562, 66.2481,
29.5134

■ 57.1562, 66.2481,
29.5134

■ 55.7605, 65.6760,
22.8884

■ 58.8621, 66.9491,
37.7555

■ 54.6500, 65.2156,
17.7705


■ 60.8917, 67.7772,
47.7070


■ 53.8039, 64.8611,
14.0424


■ 63.2634, 68.7422,
59.4581


■ 53.1962, 64.6019,
11.5678

■ 65.9930, 69.8505,
73.0916


 52.7958, 64.4258,
10.1831


 69.0952, 71.1078,
88.6849

 52.5868, 64.3297,
9.6453

 72.2917, 72.4029,
104.7727

 72.4348, 72.4766,
104.7794

 72.5783, 72.5506,
104.7861

 72.7222, 72.6248,
104.7929

Harmonies

Analogous

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



67.6140, 66.2481, 28.8995



57.1562, 66.2481, 29.5134



49.1873, 66.2481, 39.2785

Triad

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



57.1562, 66.2481, 29.5134



50.1006, 66.2481, 123.8889



84.9846, 66.2481, 85.9235

Complementary

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



57.1562, 66.2481, 29.5134



29.0202, 24.5745, 69.5474

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.



79.1058, 66.2481, 119.5454



57.1562, 66.2481, 29.5134



58.5376, 66.2481, 145.2570

Square

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



57.1562, 66.2481, 29.5134



45.4383, 66.2481, 90.7142



69.1585, 66.2481, 143.4755



84.5071, 66.2481, 56.2798

Rectangle

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



57.1562, 66.2481, 29.5134



46.0021, 66.2481, 51.7529



69.1585, 66.2481, 143.4755



83.6608, 66.2481, 97.2638

Sweetspot

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



57.1578, 66.2511, 29.5148



89.8993, 97.9091, 83.1620



40.3400, 31.7303, 23.7380



19.0738, 20.8881, 16.9640



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.



57.1578, 66.2511, 29.5148



79.6630, 93.7256, 33.2775



45.5185, 60.2508, 28.9701



14.1327, 15.2487, 13.9240



31.5158, 38.5445, 5.7788



2.0509, 2.5018, 0.3748

Inverse Universe

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



29.0202, 24.5745, 69.5474



34.2471, 26.4471, 97.9075



37.4695, 28.9303, 69.9428



12.3648, 12.6307, 16.4384



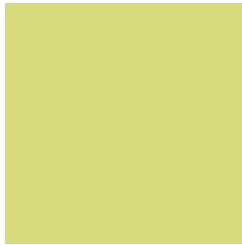
7.6289, 3.0570, 39.9264



0.5037, 0.2029, 2.5871

Previews

White Background



This preview shows how the XYZ color 57.1562, 66.2481, 29.5134 looks on a white background.

Color Contrast Check

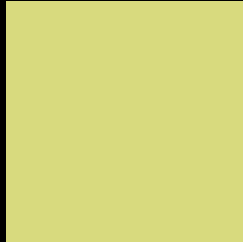
Large Text (above 18pt) WCAG AA × Fail

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 57.1562, 66.2481, 29.5134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

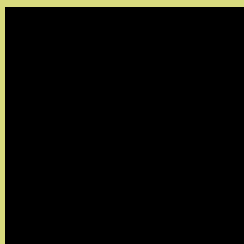
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1562, 66.2481, 29.5134

Background



This preview shows how black text looks on a background with the XYZ color 57.1562, 66.2481, 29.5134.



This preview shows how white text looks on a background with the XYZ color 57.1562, 66.2481,

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

57.1562, 66.2481, 29.5134

Protanopia

61.0366, 66.3674, 28.6620

Deuteranopia

67.0399, 65.7494, 32.4501



Tritanopia

67.3107, 66.2843, 79.0585

Trichromacy



Original Color

57.1562, 66.2481, 29.5134

Protanomaly

59.6807, 66.4124, 29.0754

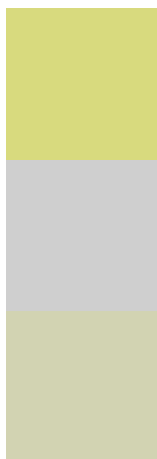
Deuteranomaly

62.9964, 65.4785, 31.1481

Tritanomaly

62.8028, 65.9073, 56.9883

Monochromacy



Original Color

57.1562, 66.2481, 29.5134

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.9085, 63.5045, 51.3250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1562, 66.2481, 29.5134 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(216, 218, 126)` looks like.

```
.text, #text, p{  
    color:rgb(216, 218, 126)  
}
```

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(216, 218, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 218, 126) }
```

Border

The CSS property to change the border of an element to XYZ 57.1562, 66.2481, 29.5134 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(216, 218, 126) }
```


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

```
.border{ border-color:rgb(216, 218, 126) }
```

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

Here you see how a box with a 4 pixel rgb(216, 218, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 218, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 218, 126);  
box-shadow:4px 4px 4px 4px rgb(216, 218,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1562, 66.2481, 29.5134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 218, 126) }
```

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

```
.background{ background-color: rgb(216,  
218, 126) }
```

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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