

Converting Colors

XYZ(57.3050, 66.4169, 29.0273)

Have a look what the booklet for
XYZ(57.3050, 66.4169, 29.0273)
contains.

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Color

**XYZ(57.3248, 66.3498,
28.8542)**

Conversions

Conversions Part 1

Format	Color
Hex	D9DA7C
RGB	217, 218, 124
RGB Percent	85%, 85%, 49%
CMY	0.1490, 0.1451, 0.5137
CMYK	0.00, 0.00, 0.43, 0.15
HSL	61°, 56%, 67%
HSV	61°, 43%, 85%
XYZ	57.3248, 66.3498, 28.8542
YIQ	206.9850, 29.5780, -29.4460

Conversions

Conversions Part 2

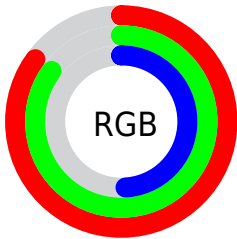
Format	Color
RYB	124, 218, 125
Decimal	14277244
CIELab	85.17, -13.65, 45.98
CIELCh	85, 47.959, 106.537
Yxy	66.3498, 0.3758, 0.4350
Android (android.graphics.Color)	4292467324 (0xFFD9DA7C)
YUV	206.9850, -40.9116, 8.7832
Hunter-Lab	81.4554, -16.9263, 36.0163

Details

The XYZ color **57.3248, 66.3498, 28.8542** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.3223, 23.8388, 69.4423**, and the grayscale version is **59.5419, 62.6427, 68.2179**.

A 20% lighter version of the original color is **85.0359, 95.9944, 56.1664**, and **28.7641, 34.1358, 11.2037** is the 20% darker color. If you saturate the color by 10%, you get **56.0272, 65.8251, 22.3755**, and if you desaturate by 10%, it is **58.9306, 67.0025, 36.9407**.

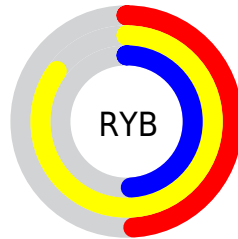
Distribution



Red (85%)

Green (85%)

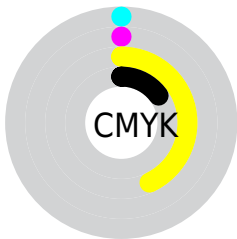
Blue (49%)



Red (49%)

Yellow (85%)

Blue (49%)

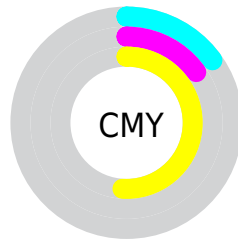


Cyan (0%)

Magenta (0%)

Yellow (43%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3248, 66.3498, 28.8542 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 57.3248, 66.3498, 28.8542 by changing the saturation by 10% instead.

■ 57.3248, 66.3498,
28.8542

■ 57.3248, 66.3498,
28.8542

404.6598,
447.6268, 310.5658

■ 41.5072, 48.5564,
18.7259

■ 100.0676,
113.9882, 58.8848

■ 28.9051, 34.2677,
11.2976

■ 127.7235,
144.6021, 79.6242

■ 19.1529, 23.0994,
6.1507

■ 160.0562,
180.2582, 104.7377

■ 11.8855, 14.6669,
2.8667

197.4312,
221.3410, 134.6438

■ 6.7374, 8.5859,
1.0270

240.2136,
268.2349, 169.7612

■ 3.3433, 4.4721,
0.0000

288.7690,

■ 1.3378, 1.9410,

321.3242, 210.5082

0.0000

343.4626,
380.9934, 257.3036

■ 0.2112, 0.5729,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3248, 66.3498,
28.8542

■ 57.3248, 66.3498,
28.8542

■ 56.0272, 65.8251,
22.3755

■ 58.9306, 67.0025,
36.9407

■ 55.0125, 65.4113,
17.3936


■ 60.8581, 67.7815,
46.7281


■ 54.2597, 65.1021,
13.7898


■ 63.1259, 68.6967,
58.3072


■ 53.7424, 64.8873,
11.4258


■ 65.7499, 69.7544,
71.7613


 53.4289, 64.7539,
10.1347


 68.7449, 70.9604,
87.1684

 53.2953, 64.6950,
9.6784

 72.1248, 72.3204,
104.6020

 72.2260, 72.3690,
104.7696

 72.2961, 72.4051,
104.7729

 72.3663, 72.4413,
104.7762

Harmonies

Analogous

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



68.0325, 66.3498, 28.4078



57.3248, 66.3498, 28.8542



49.1354, 66.3498, 38.5181

Triad

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



57.3248, 66.3498, 28.8542



49.8068, 66.3498, 124.6975



85.5390, 66.3498, 87.0233

Complementary

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



57.3248, 66.3498, 28.8542



28.3223, 23.8388, 69.4423

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.



79.4024, 66.3498, 121.4730



57.3248, 66.3498, 28.8542



58.3425, 66.3498, 147.0684

Square

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



57.3248, 66.3498, 28.8542



45.1470, 66.3498, 90.5661



69.1729, 66.3498, 145.7434



85.1855, 66.3498, 56.5757

Rectangle

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



57.3248, 66.3498, 28.8542



45.8384, 66.3498, 51.0212



69.1729, 66.3498, 145.7434



84.1393, 66.3498, 98.6602

Sweetspot

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



57.3264, 66.3528, 28.8556



90.0343, 97.9787, 83.1683



39.7614, 30.7776, 22.9146



19.1076, 20.9056, 16.9656



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.



57.3264, 66.3528, 28.8556



80.0176, 93.9270, 32.4549



45.5067, 60.2595, 28.3024



14.1477, 15.2564, 13.9247



31.9338, 38.7600, 5.7983



2.0734, 2.5134, 0.3759

Inverse Universe

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



28.3223, 23.8388, 69.4423



33.3448, 25.5091, 97.7740



36.6591, 28.1366, 69.8324



12.3515, 12.6238, 16.4378



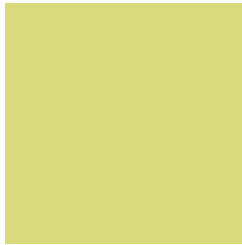
7.6048, 3.0446, 39.9253



0.4973, 0.1996, 2.5868

Previews

White Background



This preview shows how the XYZ color 57.3248, 66.3498, 28.8542 looks on a white background.

Color Contrast Check

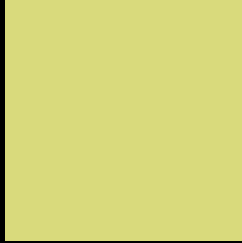
Large Text (above 18pt) WCAG AA × Fail

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 57.3248, 66.3498, 28.8542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

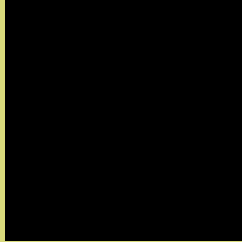
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3248, 66.3498, 28.8542

Background



This preview shows how black text looks on a background with the XYZ color 57.3248, 66.3498, 28.8542.



This preview shows how white text looks on a background with the XYZ color 57.3248, 66.3498,

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

57.3248, 66.3498, 28.8542

Protanopia

60.9114, 66.3173, 28.0025

Deuteranopia

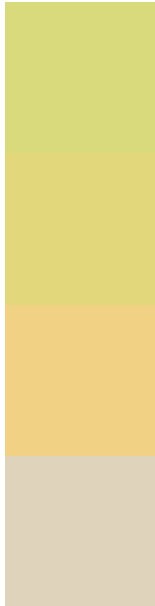
67.2768, 66.2233, 32.5291



Tritanopia

67.6270, 66.4473, 79.0733

Trichromacy



Original Color

57.3248, 66.3498, 28.8542

Protanomaly

59.5541, 66.3618, 28.4092

Deuteranomaly

63.2409, 65.9676, 31.2297

Tritanomaly

63.0044, 66.0237, 56.4369

Monochromacy



Original Color

57.3248, 66.3498, 28.8542

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 57.3248, 66.3498, 28.8542 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, 218, 124)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 218, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 218, 124) }
```

Border

The CSS property to change the border of an element to XYZ 57.3248, 66.3498, 28.8542 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, 218, 124) }
```


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

```
.border{ border-color:rgb(217, 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(217, 218, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 218, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 218, 124);  
box-shadow:4px 4px 4px 4px rgb(217, 218,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3248, 66.3498, 28.8542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 218, 124) }
```

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

```
.background{ background-color: rgb(217,  
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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