

Converting Colors

XYZ(58.0969, 67.2429, 29.3195)

Have a look what the booklet for
XYZ(58.0969, 67.2429, 29.3195)
contains.

XYZ(57.9466, 67.0491, 29.2897)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.9466, 67.0491,
29.2897)**

Conversions

Conversions Part 1

Format	Color
Hex	DADB7D
RGB	218, 219, 125
RGB Percent	85%, 86%, 49%
CMY	0.1451, 0.1412, 0.5098
CMYK	0.00, 0.00, 0.43, 0.14
HSL	61°, 57%, 67%
HSV	61°, 43%, 86%
XYZ	57.9466, 67.0491, 29.2897
YIQ	207.9850, 29.5780, -29.4460

Conversions

Conversions Part 2

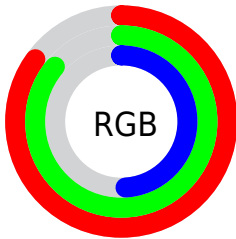
Format	Color
RYB	125, 219, 126
Decimal	14343037
CIELab	85.53, -13.66, 45.94
CIElCh	86, 47.930, 106.554
Yxy	67.0491, 0.3756, 0.4346
Android (android.graphics.Color)	4292533117 (0xFFDADB7D)
YUV	207.9850, -40.9116, 8.7832
Hunter-Lab	81.8835, -16.9769, 36.1105

Details

The XYZ color **57.9466, 67.0491, 29.2897** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.7264, 24.2190, 70.1825**, and the grayscale version is **60.1894, 63.3239, 68.9597**.

A 20% lighter version of the original color is **85.1367, 96.0347, 56.6972**, and **29.1760, 34.6090, 11.4458** is the 20% darker color. If you saturate the color by 10%, you get **56.6297, 66.5166, 22.7131**, and if you desaturate by 10%, it is **59.5754, 67.7111, 37.4936**.

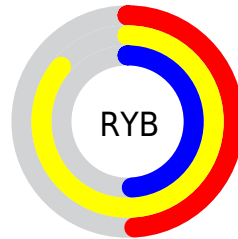
Distribution



Red (85%)

Green (86%)

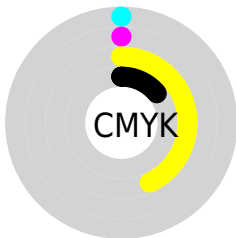
Blue (49%)



Red (49%)

Yellow (86%)

Blue (49%)

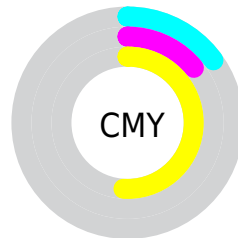


Cyan (0%)

Magenta (0%)

Yellow (43%)

Black (14%)



Cyan (15%)

Magenta (14%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9466, 67.0491, 29.2897 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 57.9466, 67.0491, 29.2897 by changing the saturation by 10% instead.

■ 57.9466, 67.0491,
29.2897

■ 57.9466, 67.0491,
29.2897

406.9440,
450.1195, 312.6830

■ 42.0088, 49.1245,
19.0526

■ 100.9685,
114.9908, 59.5847

■ 29.2993, 34.7183,
11.5311

■ 128.7833,
145.7766, 80.4797

■ 19.4528, 23.4459,
6.3066

■ 161.2879,
181.6184, 105.7645

■ 12.1039, 14.9231,
2.9606

198.8475,
222.9005, 135.8575

■ 6.8871, 8.7655,
1.0746

241.8276,
270.0072, 171.1773

■ 3.4373, 4.5885,
0.0000

290.5935,

■ 1.3890, 2.0079,

323.3231, 212.1425

0.0000

345.5105,
383.2324, 259.1715

■ 0.2484, 0.6121,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9466, 67.0491,
29.2897

■ 57.9466, 67.0491,
29.2897

■ 56.6297, 66.5166,
22.7131

■ 59.5754, 67.7111,
37.4936

■ 55.5992, 66.0964,
17.6517


■ 61.5298, 68.5010,
47.4187


■ 54.8338, 65.7821,
13.9859


■ 63.8286, 69.4286,
59.1568


■ 54.3071, 65.5634,
11.5761

■ 66.4877, 70.5004,
72.7919

 53.9870, 65.4273,
10.2542


 69.5221, 71.7223,
88.4028

 53.8479, 65.3660,
9.7788

 72.7187, 73.0091,
104.8672

 72.7895, 73.0456,
104.8705

 72.8603, 73.0821,
104.8739

 72.9312, 73.1187,
104.8772

Harmonies

Analogous

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



68.7222, 67.0491, 28.8343



57.9466, 67.0491, 29.2897



49.7029, 67.0491, 39.0443

Triad

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



57.9466, 67.0491, 29.2897



50.3862, 67.0491, 125.7709



86.3394, 67.0491, 87.8563

Complementary

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



57.9466, 67.0491, 29.2897



28.7264, 24.2190, 70.1825

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.



80.1711, 67.0491, 122.4953



57.9466, 67.0491, 29.2897



58.9821, 67.0491, 148.2391

Square

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



57.9466, 67.0491, 29.2897



45.6905, 67.0491, 91.4581



69.8820, 67.0491, 146.8936



85.9801, 67.0491, 57.2177

Rectangle

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



57.9466, 67.0491, 29.2897



46.3836, 67.0491, 51.6497



69.8820, 67.0491, 146.8936



84.9331, 67.0491, 99.5594

Sweetspot

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



57.9482, 67.0522, 29.2911



90.0343, 97.9787, 83.1683



40.2509, 31.2096, 23.3055



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.



57.9482, 67.0522, 29.2911



80.0176, 93.9269, 32.4549



46.0490, 60.9179, 28.7342



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.



28.7264, 24.2190, 70.1825



33.3448, 25.5091, 97.7740



37.1351, 28.5538, 70.5760



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 57.9466, 67.0491, 29.2897 looks on a white background.

Color Contrast Check

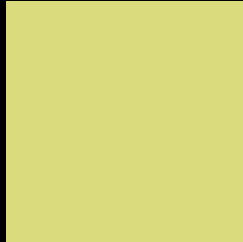
Large Text (above 18pt) WCAG AA × Fail

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 57.9466, 67.0491, 29.2897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

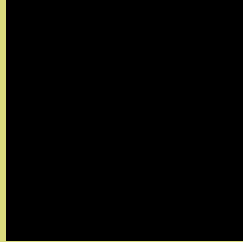
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9466, 67.0491, 29.2897

Background



This preview shows how black text looks on a background with the XYZ color 57.9466, 67.0491, 29.2897.



This preview shows how white text looks on a background with the XYZ color 57.9466, 67.0491,

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

57.9466, 67.0491, 29.2897

Protanopia

61.5534, 67.0156, 28.4300

Deuteranopia

67.8049, 66.8161, 34.1340



Tritanopia

68.0805, 66.6655, 79.8005

Trichromacy



Original Color

57.9466, 67.0491, 29.2897

Protanomaly

60.1889, 67.0610, 28.8405

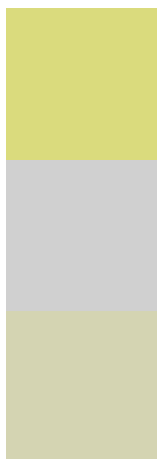
Deuteranomaly

64.0377, 66.7197, 32.4247

Tritanomaly

63.4227, 66.2269, 57.0173

Monochromacy



Original Color

57.9466, 67.0491, 29.2897

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.7307, 64.2984, 51.4349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9466, 67.0491, 29.2897 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, 219, 125)` looks like.

```
.text, #text, p{  
    color:rgb(218, 219, 125)  
}
```

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, 219, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 219, 125) }
```

Border

The CSS property to change the border of an element to XYZ 57.9466, 67.0491, 29.2897 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, 219, 125) }
```


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

```
.border{ border-color:rgb(218, 219, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 219, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 219, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 219, 125);  
box-shadow:4px 4px 4px 4px rgb(218, 219,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9466, 67.0491, 29.2897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 219, 125) }
```

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

```
.background{ background-color: rgb(218,  
219, 125) }
```

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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