

Converting Colors

XYZ(48.5947, 58.3854, 27.6132)

Have a look what the booklet for
XYZ(48.5947, 58.3854, 27.6132)
contains.

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Color

**XYZ(48.6867, 58.5255,
27.7993)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D17C
RGB	194, 209, 124
RGB Percent	76%, 82%, 49%
CMY	0.2392, 0.1804, 0.5137
CMYK	0.07, 0.00, 0.41, 0.18
HSL	71°, 48%, 65%
HSV	71°, 41%, 82%
XYZ	48.6867, 58.5255, 27.7993
YIQ	194.8250, 18.3450, -29.6150

Conversions

Conversions Part 2

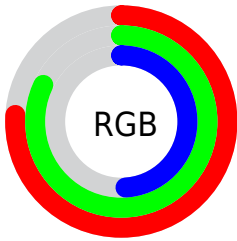
Format	Color
RYB	124, 209, 139
Decimal	12767612
CIELab	81.03, -18.17, 40.41
CIELCh	81, 44.312, 114.209
Yxy	58.5255, 0.3606, 0.4335
Android (android.graphics.Color)	4290957692 (0xFFC2D17C)
YUV	194.8250, -34.9167, -0.7235
Hunter-Lab	76.5020, -20.2790, 32.0066

Details

The XYZ color **48.6867, 58.5255, 27.7993** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.3660, 24.5093, 63.5080**, and the grayscale version is **51.9625, 54.6686, 59.5341**.

A 20% lighter version of the original color is **83.9408, 95.4298, 56.1151**, and **23.5714, 29.4127, 10.7382** is the 20% darker color. If you saturate the color by 10%, you get **46.5679, 57.5720, 21.5169**, and if you desaturate by 10%, it is **51.1120, 59.6084, 35.5606**.

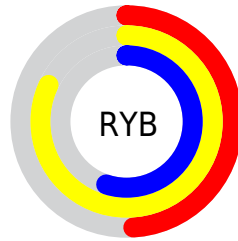
Distribution



Red (76%)

Green (82%)

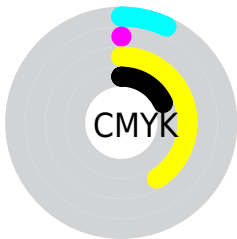
Blue (49%)



Red (49%)

Yellow (82%)

Blue (55%)

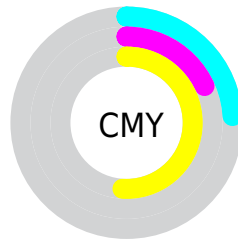


Cyan (7%)

Magenta (0%)

Yellow (41%)

Black (18%)



Cyan (24%)

Magenta (18%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.6867, 58.5255, 27.7993 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 48.6867, 58.5255, 27.7993 by changing the saturation by 10% instead.

■ 48.6867, 58.5255,
27.7993

■ 48.6867, 58.5255,
27.7993

372.0451,
419.1412, 305.3884

■ 34.5845, 42.2313,
17.9367

■ 87.4295, 102.6877,
57.1831

■ 23.5080, 29.2824,
10.7356

■ 112.8008,
131.3245, 77.5414

■ 15.0918, 19.2946,
5.7774

■ 142.6592,
164.8442, 102.2353

■ 8.9706, 11.8833,
2.6436

177.3701,
203.6313, 131.6834

■ 4.7790, 6.6643,
0.9148

217.2987,
248.0702, 166.3042

■ 2.1516, 3.2530,
0.0000

262.8105,

■ 0.7170, 1.2652,

298.5452, 206.5163

0.0000

314.2709,
355.4407, 252.7381

■ 0.0000, 0.1140,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.6867, 58.5255,
27.7993

■ 48.6867, 58.5255,
27.7993

■ 46.5679, 57.5720,
21.5169

■ 51.1120, 59.6084,
35.5606

■ 44.7334, 56.7328,
16.6157


■ 53.8561, 60.8196,
44.8828


■ 43.1644, 56.0026,
12.9921


■ 56.9355, 62.1676,
55.8465


■ 41.8380, 55.3720,
10.5262

■ 60.3644, 63.6581,
68.5255


 40.7271, 54.8303,
9.0755


 64.1561, 65.2967,
82.9891

 39.8393, 54.3866,
8.3979

 68.3234, 67.0882,
99.3029

 70.3144, 68.0121,
104.0294

 71.4424, 68.5935,
104.0822

 72.5951, 69.1878,
104.1361

Harmonies

Analogous

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



57.4298, 58.5255, 25.4555



48.6867, 58.5255, 27.7993



42.4819, 58.5255, 38.4610

Triad

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



48.6867, 58.5255, 27.7993



45.9139, 58.5255, 114.2562



75.1369, 58.5255, 68.9710

Complementary

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



48.6867, 58.5255, 27.7993



29.3660, 24.5093, 63.5080

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.



71.2367, 58.5255, 98.1623



48.6867, 58.5255, 27.7993



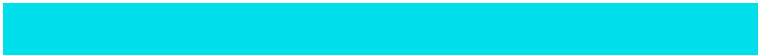
53.8618, 58.5255, 128.5451

Square

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



48.6867, 58.5255, 27.7993



41.0088, 58.5255, 86.8263



63.1968, 58.5255, 121.9635



73.3612, 58.5255, 45.1333

Rectangle

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



48.6867, 58.5255, 27.7993



40.2886, 58.5255, 50.9142



63.1968, 58.5255, 121.9635



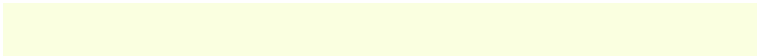
74.4340, 58.5255, 78.5209

Sweetspot

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



48.6881, 58.5281, 27.8005



88.5494, 97.1734, 84.8951



39.0471, 33.2370, 23.4270



18.8123, 20.7375, 17.6634



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.



48.6881, 58.5281, 27.8005



73.3783, 90.4471, 34.7273



39.4520, 53.7667, 27.3683



12.5902, 13.6877, 12.5905



24.6373, 33.5700, 5.1811



1.4325, 1.9054, 0.2923

Inverse Universe

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



29.3660, 24.5093, 63.5080



39.0082, 29.8843, 98.3200



37.6962, 28.8037, 63.8978



11.3555, 11.5166, 14.8681



7.6228, 3.1100, 37.3910



0.4869, 0.2052, 2.0935

Previews

White Background



This preview shows how the XYZ color 48.6867, 58.5255, 27.7993 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 48.6867, 58.5255, 27.7993 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

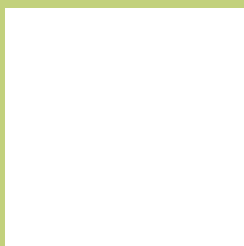
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.6867, 58.5255, 27.7993

Background



This preview shows how black text looks on a background with the XYZ color 48.6867, 58.5255, 27.7993.



This preview shows how white text looks on a background with the XYZ color 48.6867, 58.5255,

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

48.6867, 58.5255, 27.7993

Protanopia

53.8530, 58.3694, 26.5172

Deuteranopia

59.3639, 58.1350, 28.5144



Tritanopia

57.5085, 58.2223, 71.8253

Trichromacy



Original Color

48.6867, 58.5255, 27.7993

Protanomaly

51.9697, 58.4398, 26.9533

Deuteranomaly

55.0762, 57.9280, 28.3571

Tritanomaly

53.5484, 57.9948, 52.0879

Monochromacy



Original Color

48.6867, 58.5255, 27.7993

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.3214, 55.7752, 45.6496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6867, 58.5255, 27.7993 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(194, 209, 124)` looks like.

```
.text, #text, p{  
    color:rgb(194, 209, 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(194, 209, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 209, 124) }
```

Border

The CSS property to change the border of an element to XYZ 48.6867, 58.5255, 27.7993 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(194, 209, 124) }
```


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

```
.border{ border-color:rgb(194, 209, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 209, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 209, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 209, 124); box-shadow:4px 4px 4px 4px rgb(194, 209, 124) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6867, 58.5255, 27.7993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 209, 124) }
```

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

```
.background{ background-color: rgb(194,  
209, 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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