

Converting Colors

XYZ(47.5907, 59.0926, 29.2553)

Have a look what the booklet for
XYZ(47.5907, 59.0926, 29.2553)
contains.

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Color

**XYZ(47.4473, 58.9598,
29.3017)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D480
RGB	185, 212, 128
RGB Percent	73%, 83%, 50%
CMY	0.2745, 0.1686, 0.4980
CMYK	0.13, 0.00, 0.40, 0.17
HSL	79°, 49%, 67%
HSV	79°, 40%, 83%
XYZ	47.4473, 58.9598, 29.3017
YIQ	194.3510, 10.8720, -31.8480

Conversions

Conversions Part 2

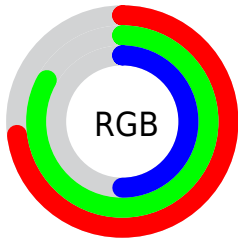
Format	Color
RYB	128, 212, 155
Decimal	12178560
CIELab	81.27, -22.63, 38.58
CIELCh	81, 44.727, 120.390
Yxy	58.9598, 0.3496, 0.4345
Android (android.graphics.Color)	4290368640 (0xFFB9D480)
YUV	194.3510, -32.7110, -8.2008
Hunter-Lab	76.7853, -24.0752, 31.1243

Details

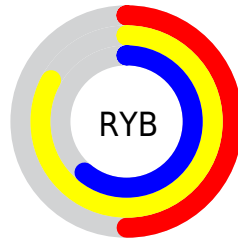
The XYZ color **47.4473, 58.9598, 29.3017** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **33.1229, 27.1620, 65.7878**, and the grayscale version is **51.6708, 54.3617, 59.1999**.

A 20% lighter version of the original color is **80.8214, 93.7746, 58.0965**, and **22.7566, 29.4751, 11.5110** is the 20% darker color. If you saturate the color by 10%, you get **44.5906, 57.6337, 22.6296**, and if you desaturate by 10%, it is **50.6773, 60.4484, 37.5155**.

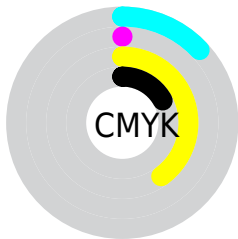
Distribution



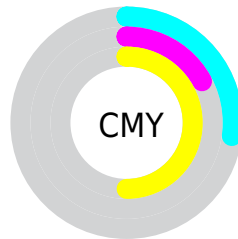
- Red (73%)
- Green (83%)
- Blue (50%)



- Red (50%)
- Yellow (83%)
- Blue (61%)



- Cyan (13%)
- Magenta (0%)
- Yellow (40%)
- Black (17%)





- Cyan (27%)
- Magenta (17%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4473, 58.9598, 29.3017 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 47.4473, 58.9598, 29.3017 by changing the saturation by 10% instead.


 47.4473, 58.9598,
29.3017

 47.4473, 58.9598,
29.3017


367.2163,
420.7529, 312.7412


 33.5988, 42.5808,
19.0616


 85.5956, 103.3192,
59.6040

 22.7470, 29.5563,
11.5376


 110.6261,
132.0684, 80.5033

 14.5265, 19.5021,
6.3109


 140.1148,
165.7098, 105.7927

 8.5719, 12.0336,
2.9632

174.4268,
204.6277, 135.8909

 4.5179, 6.7666,
1.0759

213.9276,
249.2066, 171.2162

 1.9991, 3.3165,
0.0000

258.9826,

 0.6334, 1.2991,

299.8308, 212.1874

0.0000

309.9570,
356.8848, 259.2228

■ 0.0000, 0.1405,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.4473, 58.9598,
29.3017

■ 47.4473, 58.9598,
29.3017

■ 44.5906, 57.6337,
22.6296

■ 50.6773, 60.4484,
37.5155

■ 42.0835, 56.4544,
17.3989


■ 54.2941, 62.0988,
47.3553


■ 39.9059, 55.4158,
13.5036


■ 58.3156, 63.9205,
58.9037


■ 38.0335, 54.5080,
10.8213


■ 62.7572, 65.9198,
72.2369


 36.4376, 53.7193,
9.2075


 67.6336, 68.1025,
87.4261


 35.0693, 53.0302,
8.4105

 72.9254, 70.4611,
104.3645

 35.0201, 53.0053,
8.3853

 75.1041, 71.5843,
104.4665

 77.3687, 72.7517,
104.5725

 79.7202, 73.9640,
104.6825

Harmonies

Analogous

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



55.9175, 58.9598, 25.3145



47.4473, 58.9598, 29.3017



41.8482, 58.9598, 42.0159

Triad

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



47.4473, 58.9598, 29.3017



47.6369, 58.9598, 120.0090



75.9553, 58.9598, 63.8480

Complementary

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



47.4473, 58.9598, 29.3017



33.1229, 27.1620, 65.7878

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.



73.1233, 58.9598, 93.0670



47.4473, 58.9598, 29.3017



56.1618, 58.9598, 130.4765

Square

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



47.4473, 58.9598, 29.3017



41.9488, 58.9598, 93.8453



65.6111, 58.9598, 119.4789



72.9775, 58.9598, 41.5608

Rectangle

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



47.4473, 58.9598, 29.3017



40.1510, 58.9598, 55.9987



65.6111, 58.9598, 119.4789



75.6480, 58.9598, 73.1592

Sweetspot

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



47.4488, 58.9624, 29.3030



86.9818, 96.3653, 84.8217



42.7047, 38.8672, 25.6742



18.4419, 20.5466, 17.6460



0.0000, 0.0000, 0.0000



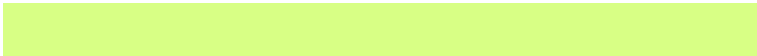
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.4488, 58.9624, 29.3030



68.1818, 87.7482, 35.3892



38.8388, 54.5238, 28.9000



13.0666, 14.3106, 13.2342



21.7271, 32.7770, 5.1815



1.3951, 2.0206, 0.3165

Inverse Universe

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



33.1229, 27.1620, 65.7878



43.3850, 32.6507, 98.6233



42.5264, 32.0097, 66.2279



12.1147, 12.2005, 15.6539



8.9078, 3.7447, 38.7065



0.6226, 0.2699, 2.3386

Previews

White Background



This preview shows how the XYZ color 47.4473, 58.9598, 29.3017 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 47.4473, 58.9598, 29.3017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

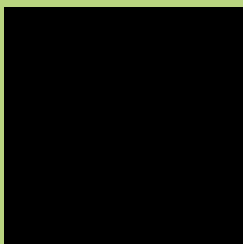
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

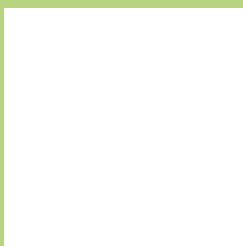
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.4473, 58.9598, 29.3017

Background



This preview shows how black text looks on a background with the XYZ color 47.4473, 58.9598, 29.3017.



This preview shows how white text looks on a background with the XYZ color 47.4473, 58.9598,

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

47.4473, 58.9598, 29.3017

Protanopia

54.2738, 58.9119, 27.5794

Deuteranopia

59.8528, 58.6831, 30.0022



Tritanopia

56.4370, 58.6534, 73.9923

Trichromacy



Original Color

47.4473, 58.9598, 29.3017

Protanomaly

51.5051, 58.8887, 28.0541

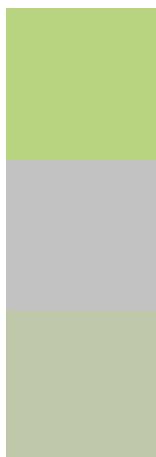
Deuteranomaly

54.5698, 58.3194, 29.8534

Tritanomaly

52.5806, 58.5029, 54.4198

Monochromacy



Original Color

47.4473, 58.9598, 29.3017

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

49.6282, 55.7519, 46.1757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4473, 58.9598, 29.3017 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(185, 212, 128)` looks like.

```
.text, #text, p{  
    color:rgb(185, 212, 128)  
}
```

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(185, 212, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 212, 128) }
```

Border

The CSS property to change the border of an element to XYZ 47.4473, 58.9598, 29.3017 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(185, 212, 128) }
```


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

```
.border{ border-color:rgb(185, 212, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 212, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 212, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 212, 128);  
box-shadow:4px 4px 4px 4px rgb(185, 212,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4473, 58.9598, 29.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 212, 128) }
```

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

```
.background{ background-color: rgb(185,  
212, 128) }
```

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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