

Converting Colors

YUV(98.0030, -35.0045,
-19.2966)

Have a look what the booklet for
YUV(98.0030, -35.0045, -19.2966)
contains.

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Color

**YUV(98.0030, -35.0045,
-19.2966)**

Conversions

Conversions Part 1

Format	Color
Hex	4C7B1B
RGB	76, 123, 27
RGB Percent	30%, 48%, 11%
CMY	0.7020, 0.5176, 0.8941
CMYK	0.38, 0.00, 0.78, 0.52
HSL	89°, 64%, 29%
HSV	89°, 78%, 48%
XYZ	10.2613, 15.7815, 3.5422
YIQ	98.0030, 2.8040, -39.8200

Conversions

Conversions Part 2

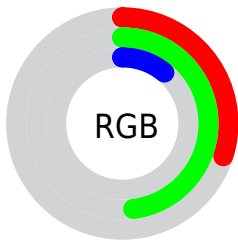
Format	Color
RYB	27, 123, 74
Decimal	5012251
CIELab	46.69, -32.12, 44.23
CIElCh	47, 54.666, 125.985
Yxy	15.7815, 0.3468, 0.5334
Android (android.graphics.Color)	4283202331 (0xFF4C7B1B)
YUV	98.0030, -35.0045, -19.2966
Hunter-Lab	39.7260, -23.4137, 22.5215

Details

The YUV color **98.0030, -35.0045, -19.2966** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **51.9970, 35.0045, 19.2966**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.8890, -35.4413, -19.1967**, and **50.6140, -24.9527, -23.3405** is the 20% darker color. If you saturate the color by 10%, you get **94.8410, -39.3616, -21.7856**, and if you desaturate by 10%, it is **101.1650, -30.6473, -16.8077**.

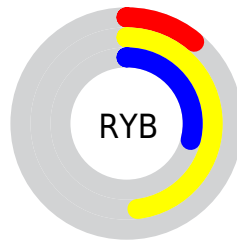
Distribution



Red (30%)

Green (48%)

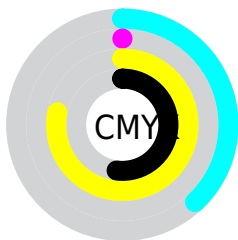
Blue (11%)



Red (11%)

Yellow (48%)

Blue (29%)

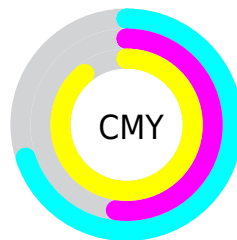


Cyan (38%)

Magenta (0%)

Yellow (78%)

Black (52%)



Cyan (70%)

Magenta (52%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.0030, -35.0045, -19.2966 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 YUV color 98.0030, -35.0045, -19.2966 by changing the saturation by 10% instead.

■ 98.0030, -35.0045,
-19.2966

■ 98.0030, -35.0045,
-19.2966

255.0000, 0.0000,
0.0000

■ 72.4760, -35.7307,
-19.7115

■ 150.8890,
-35.4413, -19.1967

■ 50.6140, -24.9527,
-23.3405

■ 177.6610,
-36.3149, -18.9967

■ 29.3500, -14.4695,
-25.7399

■ 206.0200,
-37.4779, -19.3115

■ 18.1970, -8.9711,
-15.9588

■ 230.9710,
-36.4677, -16.6376

■ 0.0000, 0.0000,
0.0000

■ 242.8340,
-28.5122, -1.6084

■ 250.2120,

-18.3455, 4.1991

253.5180, -5.6784,
1.2997

98.0030, -35.0045,
-19.2966

98.0030, -35.0045,
-19.2966

94.8410, -39.3616,
-21.7856

101.1650,
-30.6473, -16.8077

91.5650, -44.1555,
-24.1745

104.4410,
-25.8534, -14.4188

91.0380, -44.8817,
-24.5893

107.6030,
-21.4963, -11.9298

110.7650,
-17.1391, -9.4409

114.0410,
-12.3452, -7.0520

■ 117.2030, -7.9881,
-4.5630

■ 120.3650, -3.6309,
-2.0741

■ 123.5270, 0.7262,
0.4148

■ 126.8030, 5.5201,
2.8038

Harmonies

Analogous

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



102.8200, -50.6903, 18.5749



98.0030, -35.0045, -19.2966



83.8170, -6.3188, -73.5075

Triad

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



98.0030, -35.0045, -19.2966



95.4910, 48.5649, -83.7456



106.1310, -1.5436, 75.3071

Complementary

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



98.0030, -35.0045, -19.2966



51.9970, 35.0045, 19.2966

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.



111.5640, 18.4559, 53.8794



98.0030, -35.0045, -19.2966



89.3590, 55.5320, -78.3678

Square

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



98.0030, -35.0045, -19.2966



95.5930, 33.7247, -83.8351



113.0450, 35.4738, 8.7305



106.3650, -23.3509, 69.8399

Rectangle

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



98.0030, -35.0045, -19.2966



88.6390, 7.0800, -77.7364



113.0450, 35.4738, 8.7305



107.6450, 5.5980, 71.3483

Sweetspot

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



98.0030, -35.0045, -19.2966



151.4000, -13.5082, -7.3668



82.7060, -27.4631, 35.3378



75.7900, -8.2775, -5.0778



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



98.0030, -35.0045, -19.2966



121.6600, -55.0484, -30.3968



83.9500, -28.0763, -48.1911



59.4190, -2.1786, -1.2445



92.5110, -45.6079, -25.0041



186.4950, -91.9420, -50.4231

Inverse Universe

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



51.9970, 35.0045, 19.2966



49.3400, 55.0484, 30.3968



66.0500, 28.0764, 48.1912



56.5810, 2.1786, 1.2445



32.4890, 45.6079, 25.0041



65.8040, 91.7946, 51.0379

Previews

White Background



This preview shows how the YUV color 98.0030, -35.0045, -19.2966 looks on a white 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.0030, -35.0045, -19.2966

Background



This preview shows how black text looks on a background with the YUV color 98.0030, -35.0045, -19.2966.



This preview shows how white text looks on a background with the YUV color 98.0030, -35.0045,

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

98.0030, -35.0045, -19.2966

Protanopia

104.9690, -39.9177, 16.6902

Deuteranopia

106.8870, -35.4403, 27.2861



Tritanopia

108.2520, 7.7638, -16.8840

Trichromacy



Original Color

98.0030, -35.0045, -19.2966

Protanomaly

102.3480, -38.1326, 4.0798

Deuteranomaly

103.7770, -35.3861, 9.8426

Tritanomaly

104.5280, -7.6553, -18.0031

Monochromacy



Original Color

98.0030, -35.0045, -19.2966

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.9270, -12.7820, -6.9520

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.0030, -35.0045, -19.2966 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(76, 123, 27)` looks like.

```
.text, #text, p{  
    color:rgb(76, 123, 27)  
}
```

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(76, 123, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 123, 27) }
```

Border

The CSS property to change the border of an element to YUV 98.0030, -35.0045, -19.2966 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(76, 123, 27) }
```


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

```
.border{ border-color:rgb(76, 123, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 123, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 123, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 123, 27);  
box-shadow:4px 4px 4px 4px rgb(76, 123,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 98.0030, -35.0045, -19.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 123, 27) }
```

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

```
.background{ background-color: rgb(76, 123,  
27) }
```

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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