

Converting Colors

YUV(98.4600, -21.4258,
-34.6064)

Have a look what the booklet for
YUV(98.4600, -21.4258, -34.6064)
contains.

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Color

**YUV(98.4600, -21.4258,
-34.6064)**

Conversions

Conversions Part 1

Format	Color
Hex	3B7F37
RGB	59, 127, 55
RGB Percent	23%, 50%, 22%
CMY	0.7686, 0.5020, 0.7843
CMYK	0.54, 0.00, 0.57, 0.50
HSL	117°, 40%, 36%
HSV	117°, 57%, 50%
XYZ	10.0826, 16.3844, 6.2455
YIQ	98.4600, -17.4160, -36.8080

Conversions

Conversions Part 2

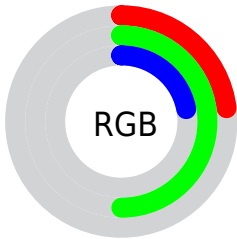
Format	Color
RYB	55, 127, 123
Decimal	3899191
CIELab	47.47, -36.91, 32.31
CIELCh	47, 49.050, 138.802
Yxy	16.3844, 0.3082, 0.5009
Android (android.graphics.Color)	4282089271 (0xFF3B7F37)
YUV	98.4600, -21.4258, -34.6064
Hunter-Lab	40.4776, -26.3732, 19.1861

Details

The YUV color **98.4600, -21.4258, -34.6064** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **83.5400, 21.4258, 34.6064**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.0040, -23.1730, -34.2065**, and **45.8830, -19.6623, -40.2394** is the 20% darker color. If you saturate the color by 10%, you get **93.3900, -25.3353, -40.6840**, and if you desaturate by 10%, it is **103.5300, -17.5163, -28.5288**.

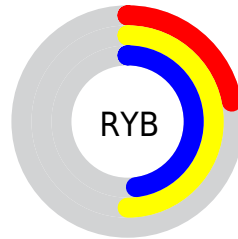
Distribution



Red (23%)

Green (50%)

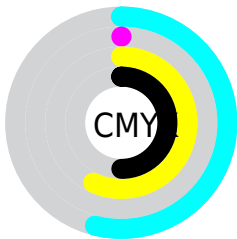
Blue (22%)



Red (22%)

Yellow (50%)

Blue (48%)

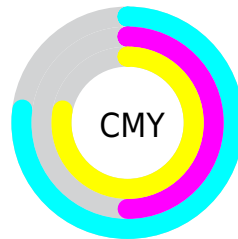


Cyan (54%)

Magenta (0%)

Yellow (57%)

Black (50%)



Cyan (77%)

Magenta (50%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.4600, -21.4258, -34.6064 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 98.4600, -21.4258, -34.6064 by changing the saturation by 10% instead.

■ 98.4600, -21.4258,
-34.6064

■ 98.4600, -21.4258,
-34.6064

255.0000, 0.0000,
0.0000

■ 72.6770, -20.5468,
-36.5507

■ 151.0040,
-23.1730, -34.2065

■ 45.8830, -19.6623,
-40.2394

■ 178.4770,
-23.8992, -34.6213

■ 31.1110, -15.3377,
-27.2843

■ 206.8360,
-25.0621, -34.9362

■ 19.3710, -9.5499,
-16.9884

■ 228.8520,
-22.6050, -29.6882

■ 0.0000, 0.0000,
0.0000

■ 240.4160,
-14.5021, -15.2738

■ 252.6920, -6.2572,

0.2701

■ 98.4600, -21.4258,
-34.6064

■ 98.4600, -21.4258,
-34.6064

■ 93.3900, -25.3353,
-40.6840

■ 103.5300,
-17.5163, -28.5288

■ 88.4340, -28.8080,
-46.8616

■ 108.4860,
-14.0436, -22.3512

■ 83.3640, -32.7175,
-52.9392

■ 113.5560,
-10.1341, -16.2736

■ 78.2940, -36.6269,
-59.0168

■ 118.6260, -6.2246,
-10.1960

■ 76.6420, -37.7845,
-61.0760

■ 123.6960, -2.3151,
-4.1184

■ 128.6520, 1.1576,
2.0592

■ 133.7220, 5.0671,
8.1368

■ 138.7920, 8.9765,
14.2144

■ 143.7480, 12.4492,
20.3920

Harmonies

Analogous

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



104.7070, -39.2956, 3.7650



98.4600, -21.4258, -34.6064



87.7270, 3.5856, -76.9366

Triad

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



98.4600, -21.4258, -34.6064



93.7300, 49.4331, -82.2012



110.2690, -10.9786, 68.1701

Complementary

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



98.4600, -21.4258, -34.6064



83.5400, 21.4258, 34.6064

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.



113.2520, 8.2568, 58.5380



98.4600, -21.4258, -34.6064



110.2860, 39.7920, -23.0528

Square

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



98.4600, -21.4258, -34.6064



96.1460, 38.3820, -84.3200



115.8210, 25.2312, 27.3440



109.7950, -28.9859, 57.1848

Rectangle

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



98.4600, -21.4258, -34.6064



91.6200, 15.9633, -80.3507



115.8210, 25.2312, 27.3440



110.3920, -4.1373, 67.1852

Sweetspot

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



98.4600, -21.4258, -34.6064



154.7350, -8.2504, -13.7996



115.8570, -30.0025, 9.7724



77.2780, -5.0671, -8.1368



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



98.4600, -21.4258, -34.6064



121.1250, -33.5856, -54.4836



100.7980, -7.2954, -40.1648



61.4080, -2.1731, -2.9888



77.2290, -38.0739, -61.5908



0.0000, 0.0000, 0.0000

Inverse Universe

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



83.5400, 21.4258, 34.6064



97.5760, 33.7330, 53.8688



81.2020, 7.2954, 40.1648



59.5920, 2.1731, 2.9888



50.4720, 38.2213, 60.9761



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 98.4600, -21.4258, -34.6064 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



This preview shows how the YUV color 98.4600, -21.4258, -34.6064 looks on a 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 98.4600, -21.4258, -34.6064 Background



This preview shows how black text looks on a background with the YUV color 98.4600, -21.4258, -34.6064.



This preview shows how white text looks on a background with the YUV color 98.4600, -21.4258,

-34.6064.

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

98.4600, -21.4258, -34.6064

Protanopia

108.5200, -28.8504, 13.5760

Deuteranopia

110.7260, -24.5149, 23.0423



Tritanopia

106.9840, 10.8539, -28.0500

Trichromacy



Original Color

98.4600, -21.4258, -34.6064

Protanomaly

104.5070, -25.8860, -3.9526

Deuteranomaly

106.2350, -23.2869, 2.4249

Tritanomaly

103.8730, -0.9234, -30.5836

Monochromacy



Original Color

98.4600, -21.4258, -34.6064

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.4470, -8.1084, -12.6700

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.4600, -21.4258, -34.6064 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(59, 127, 55)` looks like.

```
.text, #text, p{  
    color:rgb(59, 127, 55)  
}
```

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(59, 127, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 127, 55) }
```

Border

The CSS property to change the border of an element to YUV 98.4600, -21.4258, -34.6064 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(59, 127, 55) }
```


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

```
.border{ border-color:rgb(59, 127, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 127, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 127, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 127, 55);  
box-shadow:4px 4px 4px 4px rgb(59, 127,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 98.4600, -21.4258, -34.6064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 127, 55) }
```

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

```
.background{ background-color: rgb(59, 127,  
55) }
```

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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