

Converting Colors

YUV(89.5740, -20.9890,
-34.7064)

Have a look what the booklet for
YUV(89.5740, -20.9890, -34.7064)
contains.

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Color

**YUV(89.5740, -20.9890,
-34.7064)**

Conversions

Conversions Part 1

Format	Color
Hex	32762F
RGB	50, 118, 47
RGB Percent	20%, 46%, 18%
CMY	0.8039, 0.5373, 0.8157
CMYK	0.58, 0.00, 0.60, 0.54
HSL	117°, 43%, 32%
HSV	117°, 60%, 46%
XYZ	8.3069, 13.8402, 4.9229
YIQ	89.5740, -17.7370, -36.4970

Conversions

Conversions Part 2

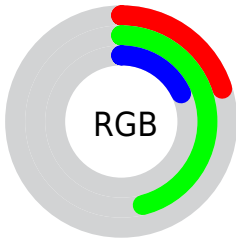
Format	Color
RYB	47, 118, 115
Decimal	3307055
CIELab	44.00, -36.74, 32.20
CIELCh	44, 48.858, 138.768
Yxy	13.8402, 0.3069, 0.5113
Android (android.graphics.Color)	4281497135 (0xFF32762F)
YUV	89.5740, -20.9890, -34.7064
Hunter-Lab	37.2024, -25.2471, 18.1960

Details

The YUV color **89.5740, -20.9890, -34.7064** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **75.4260, 20.9890, 34.7064**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.0040, -23.1730, -34.2065**, and **40.5030, -19.9680, -35.5211** is the 20% darker color. If you saturate the color by 10%, you get **84.9170, -24.6091, -40.2692**, and if you desaturate by 10%, it is **94.2310, -17.3689, -29.1436**.

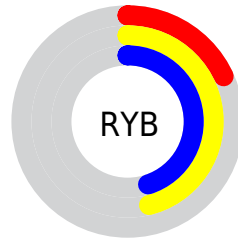
Distribution



 Red (20%)

 Green (46%)

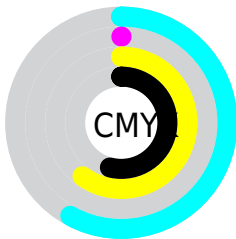
 Blue (18%)




 Red (18%)

 Yellow (46%)

 Blue (45%)

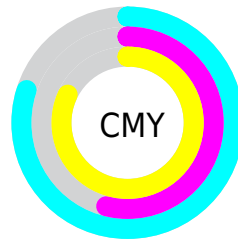



 Cyan (58%)


 Magenta (0%)

 Yellow (60%)

 Black (54%)



 Cyan (80%)

 Magenta (54%)

 Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.5740, -20.9890, -34.7064 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 89.5740, -20.9890, -34.7064 by changing the saturation by 10% instead.

■ 89.5740, -20.9890,
-34.7064

■ 89.5740, -20.9890,
-34.7064

255.0000, 0.0000,
0.0000

■ 63.1930, -19.8151,
-37.8803

■ 142.0040,
-23.1730, -34.2065

■ 40.5030, -19.9680,
-35.5211

■ 168.8900,
-23.6098, -34.1065

■ 27.0020, -13.3120,
-23.6808

■ 196.9500,
-24.6254, -35.0362

■ 13.5010, -6.6560,
-11.8404

■ 224.8360,
-25.0621, -34.9362

■ 0.0000, 0.0000,
0.0000

■ 236.6990,
-17.1066, -19.9070

■ 248.5620, -9.1511,

-4.8779

■ 89.5740, -20.9890,
-34.7064

■ 89.5740, -20.9890,
-34.7064

■ 84.9170, -24.6091,
-40.2692

■ 94.2310, -17.3689,
-29.1436

■ 79.9610, -28.0818,
-46.4468

■ 99.1870, -13.8962,
-22.9660

■ 75.4180, -31.2651,
-52.1096

■ 103.7300,
-10.7129, -17.3032

■ 70.7610, -34.8852,
-57.6724

■ 108.3870, -7.0928,
-11.7404

■ 113.3430, -3.6201,
-5.5628

■ 118.0000, 0.0000,
0.0000

■ 122.6570, 3.6201,
5.5628

■ 127.2000, 6.8034,
11.2256

■ 132.1560, 10.2761,
17.4032

Harmonies

Analogous

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



96.1800, -40.0217, 3.3501



89.5740, -20.9890, -34.7064



81.5320, 2.6957, -71.5036

Triad

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



89.5740, -20.9890, -34.7064



87.3070, 47.6696, -76.5682



100.7850, -10.2470, 66.8406

Complementary

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



89.5740, -20.9890, -34.7064



75.4260, 20.9890, 34.7064

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.



103.6540, 8.5516, 57.3084



89.5740, -20.9890, -34.7064



101.4600, 39.2132, -24.0824

Square

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



89.5740, -20.9890, -34.7064



89.7230, 36.6186, -78.6871



107.4080, 24.9419, 26.8292



101.0120, -28.1069, 55.2405

Rectangle

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



89.5740, -20.9890, -34.7064



85.3110, 14.6367, -74.8177



107.4080, 24.9419, 26.8292



101.2070, -3.5531, 66.4705

Sweetspot

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



89.5740, -20.9890, -34.7064



142.0340, -8.3978, -13.1848



107.5580, -29.8551, 9.1576



69.9790, -4.9196, -8.7516



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



89.5740, -20.9890, -34.7064



108.7660, -32.4226, -54.1688



92.3250, -6.5692, -39.7500



56.5220, -1.7363, -3.0888



73.1090, -36.0427, -59.7316



150.0390, -73.9692, -121.9372

Inverse Universe

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



75.4260, 20.9890, 34.7064



86.9350, 32.5700, 53.5540



72.6750, 6.5692, 39.7500



55.1790, 1.8838, 2.4740



48.8910, 36.0427, 59.7316



99.9610, 73.9692, 121.9372

Previews

White Background



This preview shows how the YUV color 89.5740, -20.9890, -34.7064 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 89.5740, -20.9890, -34.7064 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 89.5740, -20.9890, -34.7064 Background



This preview shows how black text looks on a background with the YUV color 89.5740, -20.9890, -34.7064.



This preview shows how white text looks on a background with the YUV color 89.5740, -20.9890,

-34.7064.

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

89.5740, -20.9890, -34.7064

Protanopia

100.3350, -28.2662, 12.8612

Deuteranopia

102.1280, -24.2201, 21.8127



Tritanopia

98.8700, 10.4171, -27.9500

Trichromacy



Original Color

89.5740, -20.9890, -34.7064

Protanomaly

96.2080, -25.7385, -4.5674

Deuteranomaly

97.6370, -22.9920, 1.1954

Tritanomaly

95.7590, -1.3602, -30.4836

Monochromacy



Original Color

89.5740, -20.9890, -34.7064

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.5610, -7.6716, -12.7700

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.5740, -20.9890, -34.7064 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(50, 118, 47)` looks like.

```
.text, #text, p{  
    color:rgb(50, 118, 47)  
}
```

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(50, 118, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 118, 47) }
```

Border

The CSS property to change the border of an element to YUV 89.5740, -20.9890, -34.7064 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(50, 118, 47) }
```


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

```
.border{ border-color:rgb(50, 118, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 118, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 118, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 118, 47);  
box-shadow:4px 4px 4px 4px rgb(50, 118,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 89.5740, -20.9890, -34.7064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 118, 47) }
```

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

```
.background{ background-color: rgb(50, 118,  
47) }
```

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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