

Converting Colors

YUV(86.5740, -20.9890,
-34.7064)

Have a look what the booklet for
YUV(86.5740, -20.9890, -34.7064)
contains.

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Color

**YUV(86.5740, -20.9890,
-34.7064)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 2F732C |
| RGB | 47, 115, 44 |
| RGB Percent | 18%, 45%, 17% |
| CMY | 0.8157, 0.5490, 0.8275 |
| CMYK | 0.59, 0.00, 0.62, 0.55 |
| HSL | 117°, 45%, 31% |
| HSV | 117°, 62%, 45% |
| XYZ | 7.7576, 13.0477, 4.4925 |
| YIQ | 86.5740, -17.7370, -36.4970 |

Conversions

Conversions Part 2

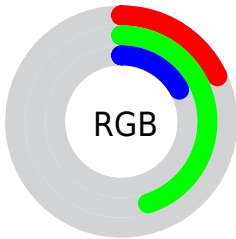
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 44, 115, 112 |
| Decimal | 3109676 |
| CIE _{Lab} | 42.83, -36.71, 32.33 |
| CIE _{LCh} | 43, 48.918, 138.631 |
| Yxy | 13.0477, 0.3067, 0.5158 |
| Android (android.graphics.Color) | 4281299756 (0xFF2F732C) |
| YUV | 86.5740, -20.9890, -34.7064 |
| Hunter-Lab | 36.1215, -24.8771, 17.9112 |

Details

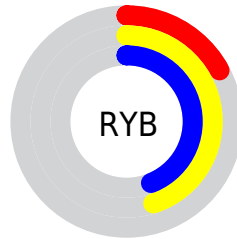
The YUV color **86.5740, -20.9890, -34.7064** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **72.4260, 20.9890, 34.7064**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.0040, -23.1730, -34.2065**, and **38.7420, -19.0998, -33.9767** is the 20% darker color. If you saturate the color by 10%, you get **82.0310, -24.1723, -40.3692**, and if you desaturate by 10%, it is **91.2310, -17.3689, -29.1436**.

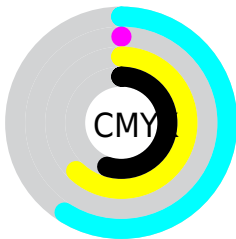
Distribution



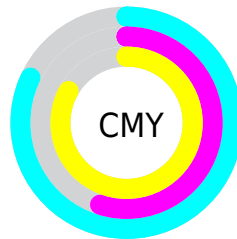
- Red (18%)
- Green (45%)
- Blue (17%)



- Red (17%)
- Yellow (45%)
- Blue (44%)



- Cyan (59%)
- Magenta (0%)
- Yellow (62%)
- Black (55%)



- Cyan (82%)
- Magenta (55%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.5740, -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 86.5740, -20.9890, -34.7064 by changing the saturation by 10% instead.

86.5740, -20.9890,
-34.7064

86.5740, -20.9890,
-34.7064

255.0000, 0.0000,
0.0000

59.8940, -19.6677,
-38.4950

139.0040,
-23.1730, -34.2065

38.7420, -19.0998,
-33.9767

165.8900,
-23.6098, -34.1065

25.2410, -12.4438,
-22.1364

193.3630,
-24.3360, -34.5214

10.5660, -5.2090,
-9.2664

221.8360,
-25.0621, -34.9362

0.0000, 0.0000,
0.0000

235.0470,
-18.2642, -21.9662

246.9100,

-10.3086, -6.9371

■ 86.5740, -20.9890,
-34.7064

■ 86.5740, -20.9890,
-34.7064

■ 82.0310, -24.1723,
-40.3692

■ 91.2310, -17.3689,
-29.1436

■ 77.3740, -27.7924,
-45.9320

■ 95.7740, -14.1856,
-23.4808

■ 72.7170, -31.4125,
-51.4948

■ 100.4310,
-10.5655, -17.9180

■ 69.0000, -34.0170,
-56.1280

■ 104.9740, -7.3822,
-12.2552

■ 109.6310, -3.7621,
-6.6924

■ 114.1740, -0.5788,
-1.0296

■ 118.8310, 3.0413,
4.5332

■ 123.3740, 6.2246,
10.1960

■ 127.9170, 9.4079,
15.8588

Harmonies

Analogous

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



92.9520, -40.8953, 3.5501



86.5740, -20.9890, -34.7064



79.4290, 2.2535, -69.6592

Triad

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



86.5740, -20.9890, -34.7064



85.2040, 47.2274, -74.7239



97.8990, -9.8102, 66.7406

Complementary

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



86.5740, -20.9890, -34.7064



72.4260, 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.



100.0670, 8.8410, 57.8232



86.5740, -20.9890, -34.7064



98.1610, 39.3606, -24.6972

Square

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



86.5740, -20.9890, -34.7064



87.6200, 36.1763, -76.8427



104.1090, 25.0893, 26.2144



98.0120, -28.1069, 55.2405

Rectangle

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



86.5740, -20.9890, -34.7064



83.2080, 14.1945, -72.9734



104.1090, 25.0893, 26.2144



98.2070, -3.5531, 66.4705

Sweetspot

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



86.5740, -20.9890, -34.7064



138.7350, -8.2504, -13.7996



104.5580, -29.8551, 9.1576



69.8650, -5.3564, -8.6516



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.



86.5740, -20.9890, -34.7064



105.6520, -32.8594, -54.0688



89.3250, -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.



72.4260, 20.9890, 34.7064



83.6470, 32.7120, 54.6836



69.6750, 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 86.5740, -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 86.5740, -20.9890, -34.7064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

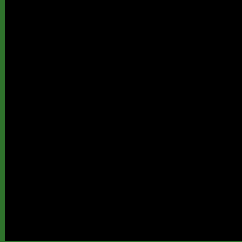
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.5740, -20.9890, -34.7064

Background



This preview shows how black text looks on a background with the YUV color 86.5740, -20.9890, -34.7064.



This preview shows how white text looks on a background with the YUV color 86.5740, -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

86.5740, -20.9890, -34.7064

Protanopia

97.3350, -28.2662, 12.8612

Deuteranopia

99.1280, -24.2201, 21.8127



Tritanopia

95.7560, 9.9803, -27.8500

Trichromacy



Original Color

86.5740, -20.9890, -34.7064

Protanomaly

93.2080, -25.7385, -4.5674

Deuteranomaly

94.6370, -22.9920, 1.1954

Tritanomaly

92.7590, -1.3602, -30.4836

Monochromacy



Original Color

86.5740, -20.9890, -34.7064

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.5610, -7.6716, -12.7700

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.5740, -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(47, 115, 44)` looks like.

```
.text, #text, p{  
    color:rgb(47, 115, 44)  
}
```

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(47, 115, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 115, 44) }
```

Border

The CSS property to change the border of an element to YUV 86.5740, -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(47, 115, 44) }
```


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

```
.border{ border-color:rgb(47, 115, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 115, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 115, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 115, 44);  
box-shadow:4px 4px 4px 4px rgb(47, 115,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 86.5740, -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(47, 115, 44) }
```

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

```
.background{ background-color: rgb(47, 115,  
44) }
```

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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