

Converting Colors

YUV(67.1590, -21.2774,
11.2616)

Have a look what the booklet for
YUV(67.1590, -21.2774, 11.2616)
contains.

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Color

**YUV(67.1590, -21.2774,
11.2616)**

Conversions

Conversions Part 1

Format	Color
Hex	504518
RGB	80, 69, 24
RGB Percent	31%, 27%, 9%
CMY	0.6863, 0.7294, 0.9059
CMYK	0.00, 0.14, 0.70, 0.69
HSL	48°, 54%, 20%
HSV	48°, 70%, 31%
XYZ	5.6013, 6.0277, 1.7324
YIQ	67.1590, 21.0010, -11.6630

Conversions

Conversions Part 2

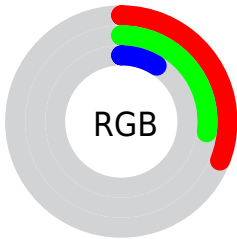
Format	Color
R_{YB}	38, 80, 24
Decimal	5260568
CIE Lab	29.48, -1.47, 28.11
CIE LCh	29, 28.153, 92.992
Yxy	6.0277, 0.4192, 0.4511
Android (android.graphics.Color)	4283450648 (0xFF504518)
YUV	67.1590, -21.2774, 11.2616
Hunter-Lab	24.5513, -2.2409, 13.0023

Details

The YUV color **67.1590, -21.2774, 11.2616** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **36.8410, 21.2774, -11.2616**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.7140, -23.0300, 13.4058**, and **25.1290, -12.3886, 6.9029** is the 20% darker color. If you saturate the color by 10%, you get **65.0730, -24.1930, 13.0910**, and if you desaturate by 10%, it is **69.2450, -18.3618, 9.4321**.

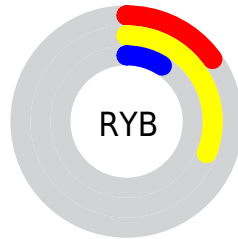
Distribution



 Red (31%)

 Green (27%)

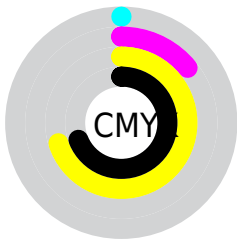
 Blue (9%)



 Red (15%)

 Yellow (31%)

 Blue (9%)

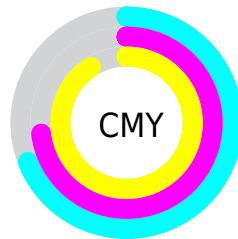


 Cyan (0%)

 Magenta (14%)

 Yellow (70%)

 Black (69%)



 Cyan (69%)

 Magenta (73%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.1590, -21.2774, 11.2616 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 67.1590, -21.2774, 11.2616 by changing the saturation by 10% instead.

67.1590, -21.2774,
11.2616

67.1590, -21.2774,
11.2616

255.0000, 0.0000,
0.0000

44.3330, -21.8562,
10.2320

115.7140,
-23.0300, 13.4058

25.1290, -12.3886,
6.9029

141.3120,
-23.3248, 14.6354

0.0000, 0.0000,
0.0000

168.0840,
-24.1984, 14.8353

195.5680,
-24.9300, 16.1649

223.3400,
-25.8036, 16.3648

247.4420,

-23.8819, 6.6284

251.8080,
-12.2303, 2.7994

67.1590, -21.2774,
11.2616

67.1590, -21.2774,
11.2616

65.0730, -24.1930,
13.0910

69.2450, -18.3618,
9.4321

63.5740, -27.3980,
14.4056

70.7440, -15.1568,
8.1175

61.4880, -30.3136,
16.2350

72.8300, -12.2412,
6.2881

74.3290, -9.0362,
4.9735

76.4150, -6.1206,
3.1440

■ 77.9140, -2.9156,
1.8294

■ 80.0000, 0.0000,
0.0000

■ 82.0860, 2.9156,
-1.8294

■ 83.5850, 6.1206,
-3.1440

Harmonies

Analogous

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



68.6430, -18.5580, 25.7461



67.1590, -21.2774, 11.2616



64.6020, -16.5658, -6.6670

Triad

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



67.1590, -21.2774, 11.2616



57.5620, 17.4709, -50.4819



71.8470, 8.9494, 22.9362

Complementary

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



67.1590, -21.2774, 11.2616



36.8410, 21.2774, -11.2616

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.



71.1910, 17.1608, 2.4635



67.1590, -21.2774, 11.2616



57.5110, 24.8911, -50.4371

Square

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



67.1590, -21.2774, 11.2616



55.0540, 7.8614, -48.2824



64.4260, 23.9470, -27.5606



70.2800, -1.1240, 33.9574

Rectangle

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



67.1590, -21.2774, 11.2616



62.2350, -9.9759, -20.3771



64.4260, 23.9470, -27.5606



71.6120, 12.0233, 17.0033

Sweetspot

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



67.1590, -21.2774, 11.2616



99.5570, -8.1626, 4.7735



41.9980, -3.4500, 33.3278



50.6430, -5.2470, 2.9441



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



67.1590, -21.2774, 11.2616



84.4020, -33.2292, 18.0644



68.5330, -21.9548, -4.8524



39.9570, -1.4578, 0.9147



80.7030, -39.7866, 21.3085



178.5500, -88.0251, 46.8757

Inverse Universe

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



36.8410, 21.2774, -11.2616



37.0110, 33.5186, -17.5496



35.4670, 21.9548, 4.8524



38.0430, 1.4578, -0.9147



24.2970, 39.7866, -21.3085



53.4500, 88.0252, -46.8757

Previews

White Background



This preview shows how the YUV color 67.1590, -21.2774, 11.2616 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 ✓ Pass

Black Background



This preview shows how the YUV color 67.1590, -21.2774, 11.2616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

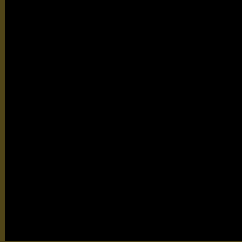
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.1590, -21.2774, 11.2616

Background



This preview shows how black text looks on a background with the YUV color 67.1590, -21.2774, 11.2616.



This preview shows how white text looks on a background with the YUV color 67.1590, -21.2774,

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

67.1590, -21.2774, 11.2616

Protanopia

67.1480, -21.2720, 9.5172

Deuteranopia

67.6050, -21.0043, 17.0094



Tritanopia

71.2510, -0.6167, 11.1809

Trichromacy



Original Color

67.1590, -21.2774, 11.2616

Protanomaly

67.4470, -21.4194, 10.1320

Deuteranomaly

67.2950, -20.8514, 14.6503

Tritanomaly

69.6010, -8.1843, 11.7509

Monochromacy



Original Color

67.1590, -21.2774, 11.2616

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.2580, -8.0152, 4.1587

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.1590, -21.2774, 11.2616 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(80, 69, 24)` looks like.

```
.text, #text, p{  
    color:rgb(80, 69, 24)  
}
```

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(80, 69, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 69, 24) }
```

Border

The CSS property to change the border of an element to YUV 67.1590, -21.2774, 11.2616 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(80, 69, 24) }
```


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

```
.border{ border-color:rgb(80, 69, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 69, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 69, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 69, 24);  
box-shadow:4px 4px 4px 4px rgb(80, 69, 24)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.1590, -21.2774, 11.2616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 69, 24) }
```

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

```
.background{ background-color: rgb(80, 69,  
24) }
```

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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