

Converting Colors

YUV(67.4730, -24.3902,
-17.0778)

Have a look what the booklet for
YUV(67.4730, -24.3902, -17.0778)
contains.

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Color

**YUV(67.4730, -24.3902,
-17.0778)**

Conversions

Conversions Part 1

Format	Color
Hex	305712
RGB	48, 87, 18
RGB Percent	19%, 34%, 7%
CMY	0.8118, 0.6588, 0.9294
CMYK	0.45, 0.00, 0.79, 0.66
HSL	94°, 66%, 21%
HSV	94°, 79%, 34%
XYZ	4.7363, 7.4884, 1.7681
YIQ	67.4730, -1.0950, -29.7270

Conversions

Conversions Part 2

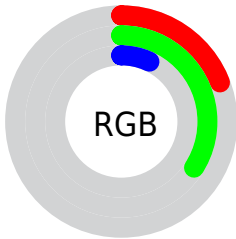
Format	Color
R_{YB}	18, 87, 57
Decimal	3168018
CIE Lab	32.89, -26.76, 33.65
CIE LCh	33, 42.994, 128.485
Yxy	7.4884, 0.3385, 0.5352
Android (android.graphics.Color)	4281358098 (0xFF305712)
YUV	67.4730, -24.3902, -17.0778
Hunter-Lab	27.3650, -16.9942, 15.3248

Details

The YUV color **67.4730, -24.3902, -17.0778** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **37.5270, 24.3902, 17.0778**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.2450, -25.2638, -16.8779**, and **24.0670, -11.8650, -21.1068** is the 20% darker color. If you saturate the color by 10%, you get **64.9520, -27.5843, -19.2519**, and if you desaturate by 10%, it is **69.9940, -21.1960, -14.9037**.

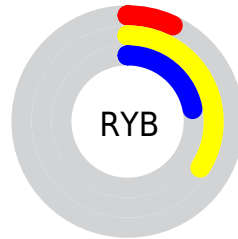
Distribution



Red (19%)

Green (34%)

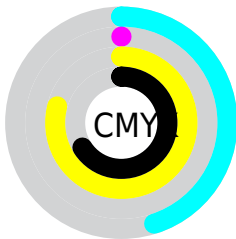
Blue (7%)



Red (7%)

Yellow (34%)

Blue (22%)

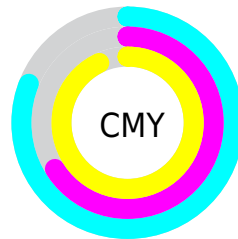


Cyan (45%)

Magenta (0%)

Yellow (79%)

Black (66%)



Cyan (81%)

Magenta (66%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.4730, -24.3902, -17.0778 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 67.4730, -24.3902, -17.0778 by changing the saturation by 10% instead.

67.4730, -24.3902,
-17.0778

67.4730, -24.3902,
-17.0778

254.7720, -0.8736,
0.2000

44.1570, -21.7694,
-17.6777

117.2450,
-25.2638, -16.8779

24.0670, -11.8650,
-21.1068

143.6040,
-26.4268, -17.1927

10.5660, -5.2090,
-9.2664

170.4900,
-26.8636, -17.0927


0.0000, 0.0000,
0.0000


197.9630,
-27.5898, -17.5076

225.8490,
-28.0266, -17.4076


242.2940,


-22.8229, -6.3968


 251.4660,
-13.5407, 3.0993


 67.4730, -24.3902,
-17.0778


 67.4730, -24.3902,
-17.0778


 64.9520, -27.5843,
-19.2519


 69.9940, -21.1960,
-14.9037


 62.5450, -30.3417,
-21.5260

 72.4010, -18.4387,
-12.6297

 62.4310, -30.7785,
-21.4260

 74.9220, -15.2445,
-10.4556

 77.4430, -12.0504,
-8.2815

 79.8500, -9.2930,
-6.0074

■ 82.3710, -6.0989,
-3.8334

■ 84.5930, -2.7573,
-2.2741

■ 87.1140, 0.4368,
-0.1000

■ 89.5210, 3.1941,
2.1741

Harmonies

Analogous

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



71.7880, -35.3915, 11.5869



67.4730, -24.3902, -17.0778



59.2310, -4.0579, -51.9456

Triad

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



67.4730, -24.3902, -17.0778



67.6160, 35.6853, -59.2992



73.7820, -2.3575, 56.3192

Complementary

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



67.4730, -24.3902, -17.0778



37.5270, 24.3902, 17.0778

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.



77.2930, 12.6736, 41.8390



67.4730, -24.3902, -17.0778



62.3160, 40.7632, -54.6511

Square

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



67.4730, -24.3902, -17.0778



67.5700, 25.3550, -59.2589



79.7110, 25.2855, 9.9005



74.2100, -18.3445, 50.6818

Rectangle

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



67.4730, -24.3902, -17.0778



63.1410, 5.8465, -55.3747



79.7110, 25.2855, 9.9005



74.5520, 3.1789, 53.8899

Sweetspot

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



67.4730, -24.3902, -17.0778



104.4370, -9.5824, -6.5222



60.9370, -21.1679, 22.8573



51.4850, -5.6621, -3.9333



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



67.4730, -24.3902, -17.0778



81.9760, -37.4562, -26.2890



58.8450, -18.6576, -35.8211



41.9460, -1.4524, -0.8296



76.8620, -37.8930, -26.1890



168.4430, -83.0424, -58.2705

Inverse Universe

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



37.5270, 24.3902, 17.0778



36.0240, 37.4562, 26.2890



46.1550, 18.6576, 35.8211



40.0540, 1.4524, 0.8296



30.4370, 37.7456, 26.8038



66.5570, 83.0424, 58.2705

Previews

White Background



This preview shows how the YUV color 67.4730, -24.3902, -17.0778 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



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 67.4730, -24.3902, -17.0778

Background



This preview shows how black text looks on a background with the YUV color 67.4730, -24.3902, -17.0778.



This preview shows how white text looks on a background with the YUV color 67.4730, -24.3902, -17.0778.

-17.0778.

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

67.4730, -24.3902, -17.0778

Protanopia

73.0360, -28.1187, 12.2464

Deuteranopia

74.7040, -24.5041, 19.5536



Tritanopia

74.9210, 6.4479, -14.8397

Trichromacy



Original Color

67.4730, -24.3902, -17.0778

Protanomaly

71.3120, -26.7758, 1.4804

Deuteranomaly

71.9150, -24.6081, 6.2135

Tritanomaly

72.0490, -4.4612, -15.8290

Monochromacy



Original Color

67.4730, -24.3902, -17.0778

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.9640, -8.8563, -6.1074

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.4730, -24.3902, -17.0778 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(48, 87, 18)` looks like.

```
.text, #text, p{  
    color:rgb(48, 87, 18)  
}
```

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(48, 87, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 87, 18) }
```

Border

The CSS property to change the border of an element to YUV 67.4730, -24.3902, -17.0778 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(48, 87, 18) }
```


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

```
.border{ border-color:rgb(48, 87, 18) }
```

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

Here you see how a box with a 4 pixel rgb(48, 87, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 87, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 87, 18);  
box-shadow:4px 4px 4px 4px rgb(48, 87, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.4730, -24.3902, -17.0778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 87, 18) }
```

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

```
.background{ background-color: rgb(48, 87,  
18) }
```

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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