

Converting Colors

YUV(85.4710, -17.9802,
-19.7071)

Have a look what the booklet for
YUV(85.4710, -17.9802, -19.7071)
contains.

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Color

**YUV(85.4710, -17.9802,
-19.7071)**

Conversions

Conversions Part 1

Format	Color
Hex	3F6831
RGB	63, 104, 49
RGB Percent	25%, 41%, 19%
CMY	0.7529, 0.5922, 0.8078
CMYK	0.39, 0.00, 0.53, 0.59
HSL	105°, 36%, 30%
HSV	105°, 53%, 41%
XYZ	7.5546, 11.1791, 4.6654
YIQ	85.4710, -6.7810, -25.7970

Conversions

Conversions Part 2

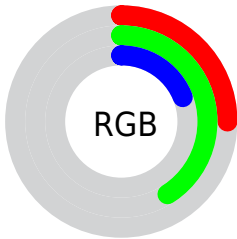
Format	Color
R_{YB}	49, 104, 90
Decimal	4155441
CIE _{Lab}	39.88, -25.89, 26.36
CIE _{LCh}	40, 36.946, 134.480
Yxy	11.1791, 0.3229, 0.4778
Android (android.graphics.Color)	4282345521 (0xFF3F6831)
YUV	85.4710, -17.9802, -19.7071
Hunter-Lab	33.4352, -18.1801, 15.1317

Details

The YUV color **85.4710, -17.9802, -19.7071** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **67.5290, 17.9802, 19.7071**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4170, -19.4326, -20.5367**, and **37.2860, -17.3960, -20.4218** is the 20% darker color. If you saturate the color by 10%, you get **81.9390, -21.1689, -23.6255**, and if you desaturate by 10%, it is **89.0030, -14.7915, -15.7886**.

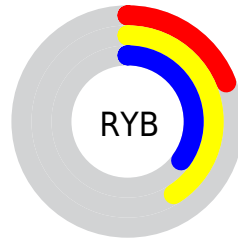
Distribution



Red (25%)

Green (41%)

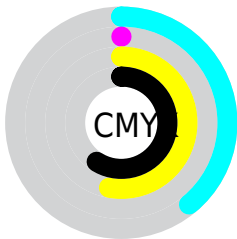
Blue (19%)



Red (19%)

Yellow (41%)

Blue (35%)

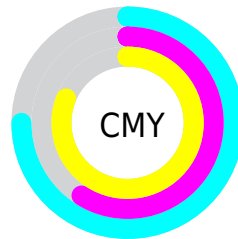


Cyan (39%)

Magenta (0%)

Yellow (53%)

Black (59%)



Cyan (75%)

Magenta (59%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.4710, -17.9802, -19.7071 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 85.4710, -17.9802, -19.7071 by changing the saturation by 10% instead.

■ 85.4710, -17.9802,
-19.7071

■ 85.4710, -17.9802,
-19.7071

255.0000, 0.0000,
0.0000

■ 61.5850, -17.5434,
-19.8070

■ 136.4170,
-19.4326, -20.5367

■ 37.2860, -17.3960,
-20.4218

■ 162.8900,
-20.1588, -20.9515

■ 20.5450, -10.1287,
-18.0180

■ 189.7760,
-20.5956, -20.8516

■ 0.0000, 0.0000,
0.0000

■ 218.2490,
-21.3218, -21.2664

■ 239.0910,
-18.2859, -14.9888

■ 250.9540,

-10.3303, 0.0403

■ 85.4710, -17.9802,
-19.7071

■ 85.4710, -17.9802,
-19.7071

■ 81.9390, -21.1689,
-23.6255

■ 89.0030, -14.7915,
-15.7886

■ 78.2930, -24.7944,
-27.4440

■ 92.6490, -11.1660,
-11.9702

■ 75.0600, -28.1306,
-30.7476

■ 95.8820, -7.8298,
-8.6665

■ 71.4140, -31.7561,
-34.5661

■ 99.5280, -4.2043,
-4.8481

■ 68.8220, -33.9292,
-37.5549

■ 103.0600, -1.0156,
-0.9296

■ 106.5920, 2.1731,
2.9888

■ 109.9390, 5.9461,
6.1925

■ 113.4710, 9.1348,
10.1109

■ 117.1170, 12.7603,
13.9294

Harmonies

Analogous

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



89.5900, -28.3919, 6.4986



85.4710, -17.9802, -19.7071



72.1740, 2.3792, -63.2966

Triad

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



85.4710, -17.9802, -19.7071



77.2020, 36.8754, -67.7062



93.8860, -6.8458, 49.2120

Complementary

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



85.4710, -17.9802, -19.7071



67.5290, 17.9802, 19.7071

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.



95.9030, 7.4428, 39.5501



85.4710, -17.9802, -19.7071



91.6640, 29.7456, -20.7533

Square

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



85.4710, -17.9802, -19.7071



78.1990, 28.0029, -68.5805



96.9630, 19.7382, 15.8184



92.8240, -19.6332, 44.0044

Rectangle

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



85.4710, -17.9802, -19.7071



75.1550, 11.2626, -65.9109



96.9630, 19.7382, 15.8184



94.2540, -1.6042, 48.0122

Sweetspot

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



85.4710, -17.9802, -19.7071



127.8220, -6.8142, -7.7369



88.9250, -19.6830, 13.2208



64.5280, -4.2043, -4.8481



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



85.4710, -17.9802, -19.7071



106.4730, -27.8412, -30.2328



82.7670, -10.2381, -29.6137



49.2340, -1.5944, -1.9592



76.1760, -37.5548, -41.3734



160.5920, -79.1719, -86.4652

Inverse Universe

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



67.5290, 17.9802, 19.7071



78.5270, 27.8412, 30.2328



70.2330, 10.2381, 29.6137



47.7660, 1.5944, 1.9592



38.8240, 37.5548, 41.3734



81.7070, 79.0244, 87.0800

Previews

White Background



This preview shows how the YUV color 85.4710, -17.9802, -19.7071 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

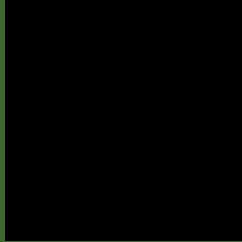
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.4710, -17.9802, -19.7071

Background



This preview shows how black text looks on a background with the YUV color 85.4710, -17.9802, -19.7071.



This preview shows how white text looks on a background with the YUV color 85.4710, -17.9802, -19.7071.

-19.7071.

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

85.4710, -17.9802, -19.7071

Protanopia

91.5180, -22.4404, 10.9467

Deuteranopia

92.3710, -19.4099, 18.9686



Tritanopia

91.4370, 7.1796, -16.1692

Trichromacy



Original Color

85.4710, -17.9802, -19.7071

Protanomaly

89.4950, -20.9500, -0.4341

Deuteranomaly

89.5110, -18.4929, 4.8139

Tritanomaly

89.0210, -1.9824, -17.5584

Monochromacy



Original Color

85.4710, -17.9802, -19.7071

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.2350, -6.5249, -7.2221

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4710, -17.9802, -19.7071 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(63, 104, 49)` looks like.

```
.text, #text, p{  
    color:rgb(63, 104, 49)  
}
```

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(63, 104, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 104, 49) }
```

Border

The CSS property to change the border of an element to YUV 85.4710, -17.9802, -19.7071 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(63, 104, 49) }
```


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

```
.border{ border-color:rgb(63, 104, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 104, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 104, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 104, 49);  
box-shadow:4px 4px 4px 4px rgb(63, 104,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 85.4710, -17.9802, -19.7071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 104, 49) }
```

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

```
.background{ background-color: rgb(63, 104,  
49) }
```

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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