

Converting Colors

YUV(75.8220, -17.1672,
-47.2019)

Have a look what the booklet for
YUV(75.8220, -17.1672, -47.2019)
contains.

YUV(75.8220, -17.1672, -47.2019)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(75.8220, -17.1672,
-47.2019)**

Conversions

Conversions Part 1

Format	Color
Hex	166E29
RGB	22, 110, 41
RGB Percent	9%, 43%, 16%
CMY	0.9137, 0.5686, 0.8392
CMYK	0.80, 0.00, 0.63, 0.57
HSL	133°, 67%, 26%
HSV	133°, 80%, 43%
XYZ	6.3070, 11.4825, 3.9818
YIQ	75.8220, -30.2990, -40.1150

Conversions

Conversions Part 2

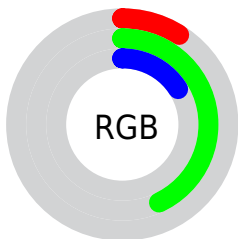
Format	Color
R_{YB}	22, 94, 110
Decimal	1469993
CIE _{Lab}	40.38, -40.60, 30.82
CIE _{LCh}	40, 50.974, 142.792
Yxy	11.4825, 0.2897, 0.5274
Android (android.graphics.Color)	4279660073 (0xFF166E29)
YUV	75.8220, -17.1672, -47.2019
Hunter-Lab	33.8859, -26.0768, 16.7533

Details

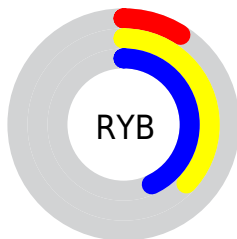
The YUV color **75.8220, -17.1672, -47.2019** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **56.1780, 17.1672, 47.2019**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.3450, -20.3831, -42.3986**, and **35.8070, -17.6529, -31.4027** is the 20% darker color. If you saturate the color by 10%, you get **71.5070, -19.4770, -53.0646**, and if you desaturate by 10%, it is **80.1370, -14.8575, -41.3391**.

Distribution



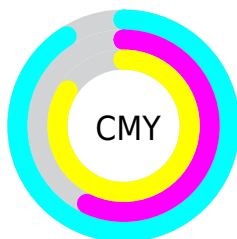
- Red (9%)
- Green (43%)
- Blue (16%)



- Red (9%)
- Yellow (37%)
- Blue (43%)



- Cyan (80%)
- Magenta (0%)
- Yellow (63%)
- Black (57%)



- Cyan (91%)
- Magenta (57%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.8220, -17.1672, -47.2019 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 75.8220, -17.1672, -47.2019 by changing the saturation by 10% instead.

■ 75.8220, -17.1672,
-47.2019

■ 75.8220, -17.1672,
-47.2019

255.0000, 0.0000,
0.0000

■ 51.8330, -17.1727,
-45.4575

■ 130.3450,
-20.3831, -42.3986

■ 35.8070, -17.6529,
-31.4027

■ 157.1170,
-21.2567, -42.1986

■ 23.4800, -11.5756,
-20.5920

■ 184.5900,
-21.9829, -42.6134

■ 1.7610, -0.8682,
-1.5444

■ 213.0630,
-22.7091, -43.0283

■ 0.0000, 0.0000,
0.0000

■ 229.2090,
-17.3580, -32.6323

■ 241.0720, -9.4025,

-17.6031

253.3480, -1.1576,
-2.0592

75.8220, -17.1672,
-47.2019

75.8220, -17.1672,
-47.2019

71.5070, -19.4770,
-53.0646

80.1370, -14.8575,
-41.3391

67.3060, -21.3499,
-59.0274

84.3380, -12.9846,
-35.3764

88.6530, -10.6749,
-29.5137

92.9680, -8.3652,
-23.6509

97.1690, -6.4923,
-17.6882

■ 101.4840, -4.1826,
-11.8255

■ 105.6850, -2.3097,
-5.8627

■ 110.0000, 0.0000,
0.0000

■ 114.3150, 2.3097,
5.8627

Harmonies

Analogous

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



84.9900, -41.9001, -0.8682



75.8220, -17.1672, -47.2019



76.3800, 3.2637, -66.9853

Triad

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



75.8220, -17.1672, -47.2019



80.7530, 47.9428, -70.8204



90.0410, -11.8522, 68.3700

Complementary

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



75.8220, -17.1672, -47.2019



56.1780, 17.1672, 47.2019

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.



92.3450, 7.2249, 62.8414



75.8220, -17.1672, -47.2019



93.2050, 39.3389, -17.7198

Square

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



75.8220, -17.1672, -47.2019



83.5110, 38.2021, -73.2391



97.5120, 23.9046, 32.8770



91.2030, -31.1591, 54.1960

Rectangle

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



75.8220, -17.1672, -47.2019



79.6860, 15.9308, -69.8846



97.5120, 23.9046, 32.8770



90.0610, -5.4531, 69.2295

Sweetspot

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



75.8220, -17.1672, -47.2019



129.7560, -6.7817, -18.2030



94.5860, -35.7849, -2.2679



63.1960, -4.0406, -10.6959



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



75.8220, -17.1672, -47.2019



89.7250, -26.9794, -73.4268



80.7240, 1.6151, -51.5009



53.7500, -0.8628, -3.2887



73.4040, -23.3702, -64.3753



151.0310, -48.3293, -132.4542

Inverse Universe

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



56.1780, 17.1672, 47.2019



59.1610, 26.5426, 73.5268



51.2760, -1.6151, 51.5009



52.3640, 1.2995, 3.1888



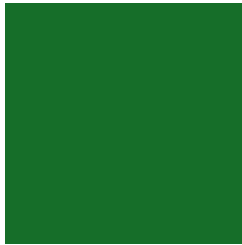
46.5960, 23.3702, 64.3753



95.9690, 48.3293, 132.4542

Previews

White Background



This preview shows how the YUV color 75.8220, -17.1672, -47.2019 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 75.8220, -17.1672, -47.2019

Background



This preview shows how black text looks on a background with the YUV color 75.8220, -17.1672, -47.2019.



This preview shows how white text looks on a background with the YUV color 75.8220, -17.1672, -47.2019.

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

75.8220, -17.1672, -47.2019

Protanopia

91.6770, -26.9558, 12.5613

Deuteranopia

93.1710, -22.7623, 20.8980



Tritanopia

87.4670, 11.6018, -34.6126

Trichromacy



Original Color

75.8220, -17.1672, -47.2019

Protanomaly

85.4570, -23.3963, -9.1708

Deuteranomaly

86.5870, -20.5024, -4.0228

Tritanomaly

83.6870, 1.1403, -39.1905

Monochromacy



Original Color

75.8220, -17.1672, -47.2019

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.5820, -6.2029, -17.1734

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.8220, -17.1672, -47.2019 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(22, 110, 41)` looks like.

```
.text, #text, p{  
    color:rgb(22, 110, 41)  
}
```

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(22, 110, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 110, 41) }
```

Border

The CSS property to change the border of an element to YUV 75.8220, -17.1672, -47.2019 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(22, 110, 41) }
```


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

```
.border{ border-color:rgb(22, 110, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 110, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 110, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 110, 41);  
box-shadow:4px 4px 4px 4px rgb(22, 110,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 75.8220, -17.1672, -47.2019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 110, 41) }
```

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

```
.background{ background-color: rgb(22, 110,  
41) }
```

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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