

Converting Colors

YUV(83.0090, -17.2594,
-17.5479)

Have a look what the booklet for
YUV(83.0090, -17.2594, -17.5479)
contains.

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Color

**YUV(83.0090, -17.2594,
-17.5479)**

Conversions

Conversions Part 1

Format	Color
Hex	3F6430
RGB	63, 100, 48
RGB Percent	25%, 39%, 19%
CMY	0.7529, 0.6078, 0.8118
CMYK	0.37, 0.00, 0.52, 0.61
HSL	103°, 35%, 29%
HSV	103°, 52%, 39%
XYZ	7.1406, 10.3845, 4.4244
YIQ	83.0090, -5.3600, -24.0160

Conversions

Conversions Part 2

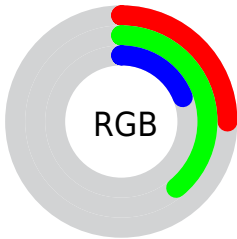
Format	Color
R_{YB}	48, 100, 85
Decimal	4154416
CIE _{Lab}	38.52, -24.04, 25.25
CIE _{LCh}	39, 34.862, 133.596
Yxy	10.3845, 0.3253, 0.4731
Android (android.graphics.Color)	4282344496 (0xFF3F6430)
YUV	83.0090, -17.2594, -17.5479
Hunter-Lab	32.2250, -16.8409, 14.4172

Details

The YUV color $83.0090, -17.2594, -17.5479$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $64.9910, 17.2594, 17.5479$, and the grayscale version is $83.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $133.2540, -18.8592, -17.7628$, and $36.0090, -17.2594, -17.5479$ is the 20% darker color. If you saturate the color by 10%, you get $79.7760, -20.5956, -20.8516$, and if you desaturate by 10%, it is $86.2420, -13.9233, -14.2442$.

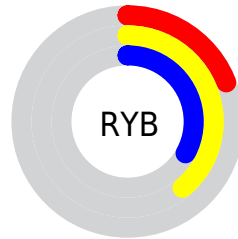
Distribution



Red (25%)

Green (39%)

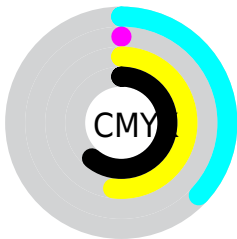
Blue (19%)



Red (19%)

Yellow (39%)

Blue (33%)

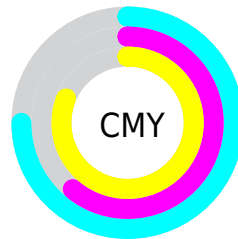


Cyan (37%)

Magenta (0%)

Yellow (52%)

Black (61%)



Cyan (75%)

Magenta (61%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.0090, -17.2594, -17.5479 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 83.0090, -17.2594, -17.5479 by changing the saturation by 10% instead.

■ 83.0090, -17.2594,
-17.5479

■ 83.0090, -17.2594,
-17.5479

255.0000, 0.0000,
0.0000

■ 59.2370, -16.3858,
-17.7478

■ 133.2540,
-18.8592, -17.7628

■ 36.0090, -17.2594,
-17.5479

■ 159.7270,
-19.5854, -18.1776

■ 18.7840, -9.2605,
-16.4736

■ 187.2000,
-20.3116, -18.5924

■ 0.0000, 0.0000,
0.0000

■ 214.7870,
-20.6010, -19.1072

■ 238.6780,
-18.5753, -15.5036

■ 250.5410,

-10.6197, -0.4745

■ 83.0090, -17.2594,
-17.5479

■ 83.0090, -17.2594,
-17.5479

■ 79.7760, -20.5956,
-20.8516

■ 86.2420, -13.9233,
-14.2442

■ 76.5430, -23.9317,
-24.1552

■ 89.4750, -10.5872,
-10.9406

■ 73.3100, -27.2678,
-27.4589

■ 92.7080, -7.2510,
-7.6369

■ 70.0770, -30.6040,
-30.7625

■ 95.9410, -3.9149,
-4.3333

■ 67.3710, -33.2139,
-33.6514

■ 99.4730, -0.7262,
-0.4148

■ 102.7060, 2.6099,
2.8888

■ 105.9390, 5.9461,
6.1925

■ 109.1720, 9.2822,
9.4962

■ 112.4050, 12.6183,
12.7998

Harmonies

Analogous

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



86.4590, -26.3553, 6.6135



83.0090, -17.2594, -17.5479



71.2780, 1.3419, -57.2488

Triad

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



83.0090, -17.2594, -17.5479



74.0560, 34.9754, -64.9471



90.5050, -5.6720, 46.0381

Complementary

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



83.0090, -17.2594, -17.5479



64.9910, 17.2594, 17.5479

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.



92.4790, 7.1589, 37.2909



83.0090, -17.2594, -17.5479



88.3220, 28.4353, -20.4534

Square

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



83.0090, -17.2594, -17.5479



75.1670, 26.5397, -65.9215



93.4250, 19.0175, 13.6593



89.8560, -18.1700, 41.3453

Rectangle

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



83.0090, -17.2594, -17.5479



72.2370, 10.2362, -63.3518



93.4250, 19.0175, 13.6593



91.2320, -1.5934, 44.5235

Sweetspot

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



83.0090, -17.2594, -17.5479



123.1210, -6.9617, -7.1221



84.6800, -18.0832, 13.4356



61.9410, -3.9149, -4.3333



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



83.0090, -17.2594, -17.5479



103.7230, -26.9784, -26.9441



79.6640, -10.6804, -27.7693



49.2340, -1.5944, -1.9592



77.3720, -38.1444, -38.9142



162.9840, -80.3511, -81.5470

Inverse Universe

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



64.9910, 17.2594, 17.5479



75.5760, 26.8310, 27.5588



68.3360, 10.6804, 27.7693



47.7660, 1.5944, 1.9592



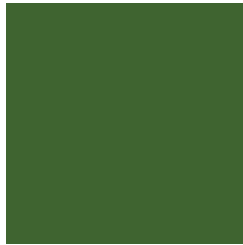
37.6280, 38.1444, 38.9142



79.0160, 80.3511, 81.5470

Previews

White Background



This preview shows how the YUV color 83.0090, -17.2594, -17.5479 looks on a white background.

Color Contrast Check

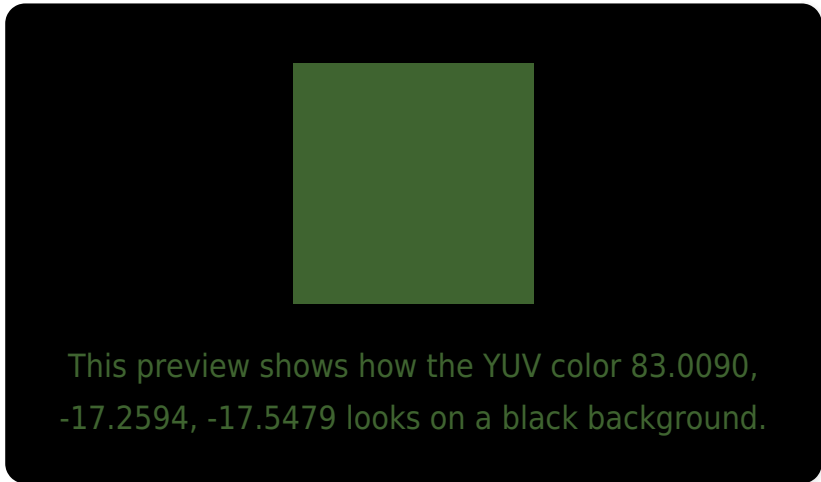
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.0090, -17.2594, -17.5479

Background



This preview shows how black text looks on a background with the YUV color 83.0090, -17.2594, -17.5479.



This preview shows how white text looks on a background with the YUV color 83.0090, -17.2594, -17.5479.

-17.5479.

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

83.0090, -17.2594, -17.5479

Protanopia

87.8600, -21.1300, 10.6468

Deuteranopia

89.3000, -18.3889, 18.1539



Tritanopia

88.3340, 6.7373, -14.3249

Trichromacy



Original Color

83.0090, -17.2594, -17.5479

Protanomaly

86.4350, -19.9345, 0.4955

Deuteranomaly

87.0380, -17.7667, 5.2287

Tritanomaly

86.3310, -2.1352, -15.1993

Monochromacy



Original Color

83.0090, -17.2594, -17.5479

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.9470, -6.3829, -6.0925

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.0090, -17.2594, -17.5479 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, 100, 48)` looks like.

```
.text, #text, p{  
    color:rgb(63, 100, 48)  
}
```

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, 100, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 100, 48) }
```

Border

The CSS property to change the border of an element to YUV 83.0090, -17.2594, -17.5479 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, 100, 48) }
```


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

```
.border{ border-color:rgb(63, 100, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 100, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 100, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 100, 48);  
box-shadow:4px 4px 4px 4px rgb(63, 100,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 83.0090, -17.2594, -17.5479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 100, 48) }
```

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

```
.background{ background-color: rgb(63, 100,  
48) }
```

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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