

Converting Colors

YUV(87.9160, -19.6786,
-35.0063)

Have a look what the booklet for
YUV(87.9160, -19.6786, -35.0063)
contains.

YUV(87.9160, -19.6786, -35.0063)	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(87.9160, -19.6786,
-35.0063)**

Conversions

Conversions Part 1

Format	Color
Hex	307430
RGB	48, 116, 48
RGB Percent	19%, 45%, 19%
CMY	0.8118, 0.5451, 0.8118
CMYK	0.59, 0.00, 0.59, 0.55
HSL	120°, 41%, 32%
HSV	120°, 59%, 45%
XYZ	7.9978, 13.3326, 4.9482
YIQ	87.9160, -18.7000, -35.5640

Conversions

Conversions Part 2

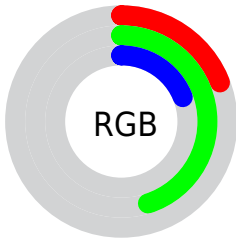
Format	Color
RYB	48, 116, 116
Decimal	3175472
CIELab	43.26, -36.33, 30.80
CIElCh	43, 47.629, 139.708
Yxy	13.3326, 0.3043, 0.5074
Android (android.graphics.Color)	4281365552 (0xFF307430)
YUV	87.9160, -19.6786, -35.0063
Hunter-Lab	36.5138, -24.8013, 17.5249

Details

The YUV color **87.9160, -19.6786, -35.0063** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **76.0840, 19.6786, 35.0063**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.3460, -21.8626, -34.5064**, and **39.3290, -19.3892, -34.4915** is the 20% darker color. If you saturate the color by 10%, you get **82.9600, -23.1513, -41.1839**, and if you desaturate by 10%, it is **92.8720, -16.2059, -28.8287**.

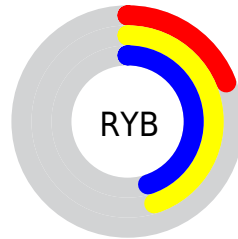
Distribution



Red (19%)

Green (45%)

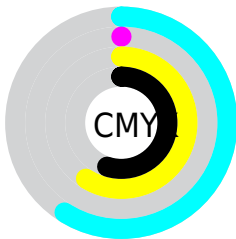
Blue (19%)



Red (19%)

Yellow (45%)

Blue (45%)

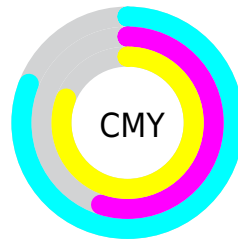


Cyan (59%)

Magenta (0%)

Yellow (59%)

Black (55%)



Cyan (81%)

Magenta (55%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.9160, -19.6786, -35.0063 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 87.9160, -19.6786, -35.0063 by changing the saturation by 10% instead.

■ 87.9160, -19.6786,
-35.0063

■ 87.9160, -19.6786,
-35.0063

255.0000, 0.0000,
0.0000

■ 61.6490, -18.0680,
-38.2802

■ 140.3460,
-21.8626, -34.5064

■ 39.3290, -19.3892,
-34.4915

■ 167.2320,
-22.2994, -34.4065

■ 25.8280, -12.7332,
-22.6512

■ 194.7050,
-23.0256, -34.8213

■ 11.7400, -5.7878,
-10.2960

■ 223.1780,
-23.7518, -35.2361

■ 0.0000, 0.0000,
0.0000

■ 235.8020,
-16.6644, -21.7514

■ 247.7790, -8.2720,

-6.8222

■ 87.9160, -19.6786,
-35.0063

■ 87.9160, -19.6786,
-35.0063

■ 82.9600, -23.1513,
-41.1839

■ 92.8720, -16.2059,
-28.8287

■ 78.4170, -26.3346,
-46.8467

■ 97.4150, -13.0226,
-23.1660

■ 73.4610, -29.8073,
-53.0243

■ 102.3710, -9.5499,
-16.9884

■ 68.9180, -32.9906,
-58.6871

■ 106.9140, -6.3666,
-11.3256

■ 68.0920, -33.5694,
-59.7167

■ 111.8700, -2.8939,
-5.1480

■ 116.8260, 0.5788,
1.0296

■ 121.3690, 3.7621,
6.6924

■ 126.3250, 7.2348,
12.8700

■ 130.8680, 10.4181,
18.5328

Harmonies

Analogous

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



94.3370, -38.1271, 2.3355



87.9160, -19.6786, -35.0063



80.3580, 3.2745, -70.4740

Triad

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



87.9160, -19.6786, -35.0063



85.6770, 46.5012, -75.1387



99.3610, -10.5310, 64.5814

Complementary

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



87.9160, -19.6786, -35.0063



76.0840, 19.6786, 35.0063

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.



101.8280, 7.9728, 56.2788



87.9160, -19.6786, -35.0063



99.8410, 38.0394, -20.9086

Square

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



87.9160, -19.6786, -35.0063



87.7340, 36.6131, -76.9427



105.1800, 24.0683, 27.0291



99.1150, -27.6647, 53.3961

Rectangle

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



87.9160, -19.6786, -35.0063



84.0230, 14.7787, -73.6882



105.1800, 24.0683, 27.0291



99.6690, -4.2738, 64.3113

Sweetspot

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



87.9160, -19.6786, -35.0063



138.8490, -7.8136, -13.8996



108.2480, -29.7023, 6.7985



69.9790, -4.9196, -8.7516



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



87.9160, -19.6786, -35.0063



106.6350, -30.3861, -54.0539



91.7920, -4.8275, -38.4056



56.5220, -1.7363, -3.0888



71.6140, -35.3057, -62.8055



146.7500, -72.3478, -128.6997

Inverse Universe

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



76.0840, 19.6786, 35.0063



88.3650, 30.3861, 54.0539



72.2080, 4.8275, 38.4056



55.4780, 1.7363, 3.0888



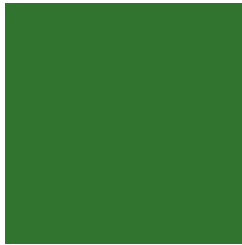
50.3860, 35.3057, 62.8055



103.2500, 72.3478, 128.6997

Previews

White Background



This preview shows how the YUV color 87.9160, -19.6786, -35.0063 looks on a white background.

Color Contrast Check

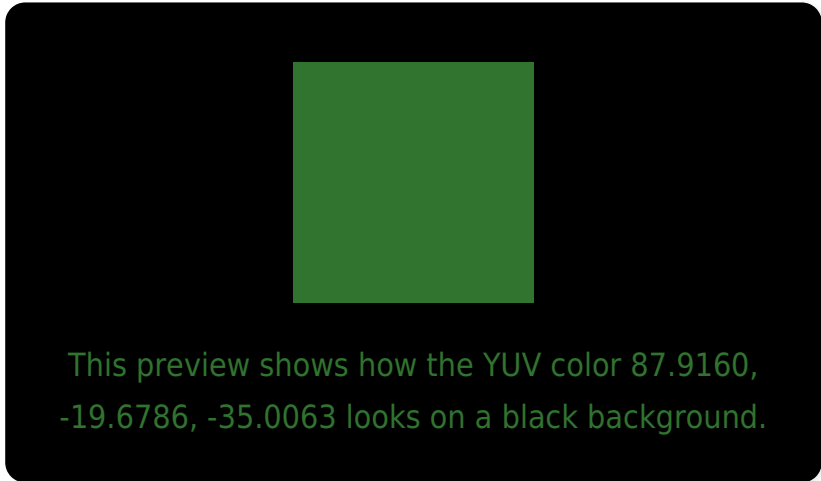
Large Text (above 18pt) WCAG AA ✓ Pass

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

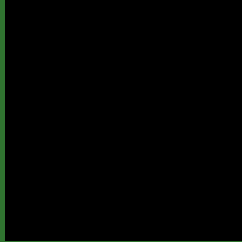
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.9160, -19.6786, -35.0063

Background



This preview shows how black text looks on a background with the YUV color 87.9160, -19.6786, -35.0063.



This preview shows how white text looks on a background with the YUV color 87.9160, -19.6786,

-35.0063.

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

87.9160, -19.6786, -35.0063

Protanopia

98.6770, -26.9558, 12.5613

Deuteranopia

100.3560, -23.3465, 21.6128



Tritanopia

96.5710, 10.5645, -28.5648

Trichromacy



Original Color

87.9160, -19.6786, -35.0063

Protanomaly

94.5500, -24.4281, -4.8673

Deuteranomaly

95.8650, -22.1184, 0.9954

Tritanomaly

93.6880, -0.3392, -31.2984

Monochromacy



Original Color

87.9160, -19.6786, -35.0063

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.6750, -7.2348, -12.8700

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.9160, -19.6786, -35.0063 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, 116, 48)` looks like.

```
.text, #text, p{  
    color:rgb(48, 116, 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(48, 116, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 116, 48) }
```

Border

The CSS property to change the border of an element to YUV 87.9160, -19.6786, -35.0063 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, 116, 48) }
```


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

```
.border{ border-color:rgb(48, 116, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 116, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 116, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 116, 48);  
box-shadow:4px 4px 4px 4px rgb(48, 116,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 87.9160, -19.6786, -35.0063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 116, 48) }
```

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

```
.background{ background-color: rgb(48, 116,  
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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