

Converting Colors

YUV(96.1780, -16.8498, -8.9261)

Have a look what the booklet for
YUV(96.1780, -16.8498, -8.9261)
contains.

YUV(96.1780, -16.8498, -8.9261)	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(96.1780, -16.8498,
-8.9261)**

Conversions

Conversions Part 1

Format	Color
Hex	566C3E
RGB	86, 108, 62
RGB Percent	34%, 42%, 24%
CMY	0.6627, 0.5765, 0.7569
CMYK	0.20, 0.00, 0.43, 0.58
HSL	89°, 27%, 33%
HSV	89°, 43%, 42%
XYZ	10.0698, 13.0514, 6.5459
YIQ	96.1780, 1.6540, -18.9700

Conversions

Conversions Part 2

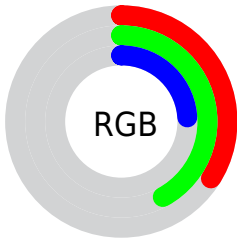
Format	Color
RYB	62, 108, 84
Decimal	5663806
CIELab	42.84, -17.03, 23.10
CIELCh	43, 28.701, 126.402
Yxy	13.0514, 0.3394, 0.4399
Android (android.graphics.Color)	4283853886 (0xFF566C3E)
YUV	96.1780, -16.8498, -8.9261
Hunter-Lab	36.1267, -13.4672, 14.5458

Details

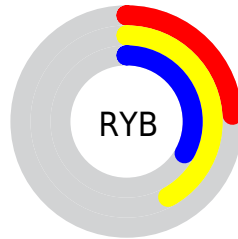
The YUV color **96.1780, -16.8498, -8.9261** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **73.8220, 16.8498, 8.9261**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.4230, -18.4495, -9.1410**, and **48.9330, -15.2500, -8.7112** is the 20% darker color. If you saturate the color by 10%, you get **93.4290, -20.9175, -10.9002**, and if you desaturate by 10%, it is **98.9270, -12.7820, -6.9520**.

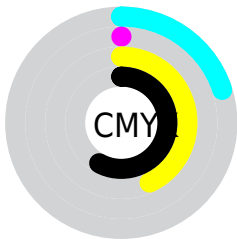
Distribution



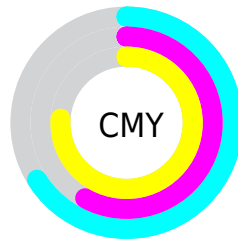
- Red (34%)
- Green (42%)
- Blue (24%)



- Red (24%)
- Yellow (42%)
- Blue (33%)



- Cyan (20%)
- Magenta (0%)
- Yellow (43%)
- Black (58%)



- Cyan (66%)
- Magenta (58%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.1780, -16.8498, -8.9261 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 96.1780, -16.8498, -8.9261 by changing the saturation by 10% instead.

96.1780, -16.8498,
-8.9261

96.1780, -16.8498,
-8.9261

255.0000, 0.0000,
0.0000

72.2920, -16.4130,
-9.0261

147.4230,
-18.4495, -9.1410

48.9330, -15.2500,
-8.7112

174.0100,
-18.7389, -9.6558

28.2860, -13.9450,
-7.2668

201.1950,
-19.3231, -8.9410

10.5660, -5.2090,
-9.2664

229.6680,
-20.0493, -9.3558

0.0000, 0.0000,
0.0000

248.2760,
-15.4191, -1.1191

253.9740, -3.9312,

0.8998

■ 96.1780, -16.8498,
-8.9261

■ 96.1780, -16.8498,
-8.9261

■ 93.4290, -20.9175,
-10.9002

■ 98.9270, -12.7820,
-6.9520

■ 90.6800, -24.9852,
-12.8744

■ 101.6760, -8.7143,
-4.9779

■ 88.0450, -28.6162,
-14.9485

■ 104.3110, -5.0833,
-2.9037

■ 84.9970, -32.5365,
-17.5374

■ 107.3590, -1.1630,
-0.3148

■ 82.2480, -36.6043,
-19.5115

■ 110.1080, 2.9048,
1.6593

■ 80.1400, -39.5090,
-21.1708

■ 112.8570, 6.9725,
3.6334

■ 115.6060, 11.0402,
5.6075

■ 118.2410, 14.6712,
7.6816

■ 120.9900, 18.7389,
9.6558

Harmonies

Analogous

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



98.5180, -22.4404, 10.9467



96.1780, -16.8498, -8.9261



91.7220, -5.2859, -31.3282

Triad

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



96.1780, -16.8498, -8.9261



86.6780, 28.2597, -57.5996



102.8460, -2.8821, 37.8461

Complementary

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



96.1780, -16.8498, -8.9261



73.8220, 16.8498, 8.9261

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.



104.0540, 8.3544, 27.1396



96.1780, -16.8498, -8.9261



98.8720, 24.2201, -21.8127

Square

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



96.1780, -16.8498, -8.9261



81.0370, 23.6458, -71.0694



103.3270, 17.5868, 5.8522



101.9740, -13.7912, 36.8568

Rectangle

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



96.1780, -16.8498, -8.9261



86.3590, 5.2460, -49.4268



103.3270, 17.5868, 5.8522



103.1600, 0.9071, 35.8167

Sweetspot

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



96.1780, -16.8498, -8.9261



135.5560, -6.6831, -3.1186



88.0810, -12.8579, 17.4690



68.2510, -4.0677, -1.9741



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.



96.1780, -16.8498, -8.9261



121.7400, -26.0008, -13.8040



89.6000, -13.6068, -22.4512



52.4190, -2.1786, -1.2445



86.9180, -42.8506, -22.7301



182.0870, -89.7689, -47.4343

Inverse Universe

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



73.8220, 16.8498, 8.9261



87.2600, 26.0008, 13.8040



80.4000, 13.6068, 22.4512



49.5810, 2.1786, 1.2445



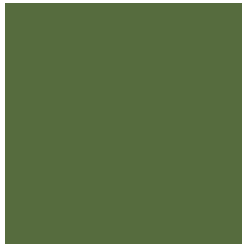
30.0820, 42.8506, 22.7301



62.9130, 89.7689, 47.4343

Previews

White Background



This preview shows how the YUV color 96.1780, -16.8498, -8.9261 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



This preview shows how the YUV color 96.1780, -16.8498, -8.9261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

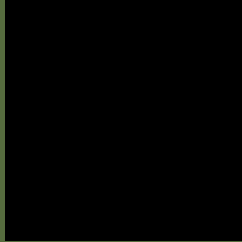
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.1780, -16.8498, -8.9261

Background



This preview shows how black text looks on a background with the YUV color 96.1780, -16.8498, -8.9261.



This preview shows how white text looks on a background with the YUV color 96.1780, -16.8498, -8.9261.

-8.9261.

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

96.1780, -16.8498, -8.9261

Protanopia

99.2020, -19.8196, 10.3468

Deuteranopia

100.2400, -17.3733, 19.0835



Tritanopia

100.2210, 4.8210, -6.3328

Trichromacy



Original Color

96.1780, -16.8498, -8.9261

Protanomaly

98.3860, -18.9243, 3.1695

Deuteranomaly

98.5870, -17.0514, 9.1322

Tritanomaly

98.5600, -2.7411, -7.5071

Monochromacy



Original Color

96.1780, -16.8498, -8.9261

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.7840, -5.8095, -3.3186

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.1780, -16.8498, -8.9261 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(86, 108, 62)` looks like.

```
.text, #text, p{  
    color:rgb(86, 108, 62)  
}
```

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(86, 108, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 108, 62) }
```

Border

The CSS property to change the border of an element to YUV 96.1780, -16.8498, -8.9261 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(86, 108, 62) }
```


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

```
.border{ border-color:rgb(86, 108, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 108, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 108, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 108, 62);  
box-shadow:4px 4px 4px 4px rgb(86, 108,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 96.1780, -16.8498, -8.9261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 108, 62) }
```

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

```
.background{ background-color: rgb(86, 108,  
62) }
```

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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