

# Converting Colors

YUV(80.2120, -5.0345, -18.6029)

Have a look what the booklet for  
YUV(80.2120, -5.0345, -18.6029)  
contains.

<b>YUV(80.2120, -5.0345, -18.6029)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(80.2120, -5.0345,  
-18.6029)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3B5D46
RGB	59, 93, 70
RGB Percent	23%, 36%, 27%
CMY	0.7686, 0.6353, 0.7255
CMYK	0.37, 0.00, 0.25, 0.64
HSL	139°, 22%, 30%
HSV	139°, 37%, 36%
XYZ	6.8235, 9.2007, 7.2106
YIQ	80.2120, -12.8810, -14.3610

# Conversions

## Conversions Part 2

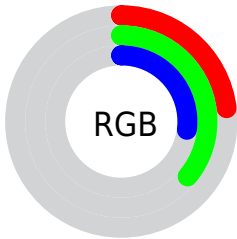
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 85, 93
Decimal	3890502
CIELab	36.37, -17.92, 9.37
CIElCh	36, 20.221, 152.383
Yxy	9.2007, 0.2937, 0.3960
Android (android.graphics.Color)	4282080582 (0xFF3B5D46)
YUV	80.2120, -5.0345, -18.6029
Hunter-Lab	30.3327, -12.9278, 7.1385

# Details

The YUV color **80.2120, -5.0345, -18.6029** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **71.7880, 5.0345, 18.6029**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.2720, -6.0501, -19.5325**, and **34.5540, -3.7241, -18.9029** is the 20% darker color. If you saturate the color by 10%, you get **76.8370, -6.3286, -23.5360**, and if you desaturate by 10%, it is **83.5870, -3.7404, -13.6698**.

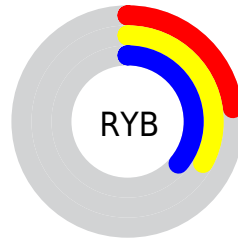
# Distribution



 Red (23%)

 Green (36%)

 Blue (27%)



 Red (23%)

 Yellow (33%)

 Blue (36%)

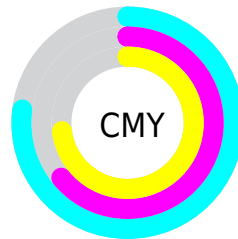


 Cyan (37%)

 Magenta (0%)

 Yellow (25%)

 Black (64%)



 Cyan (77%)

 Magenta (64%)

 Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 80.2120, -5.0345, -18.6029 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 80.2120, -5.0345, -18.6029 by changing the saturation by 10% instead.



■ 80.2120, -5.0345,  
-18.6029

■ 80.2120, -5.0345,  
-18.6029

■ 255.0000, 0.0000,  
0.0000

■ 56.7390, -4.3083,  
-18.1881

■ 130.2720, -6.0501,  
-19.5325

■ 34.5540, -3.7241,  
-18.9029

■ 155.9730, -5.9027,  
-20.1473

■ 15.8490, -7.8136,  
-13.8996

■ 182.9730, -5.9027,  
-20.1473

■ 0.0000, 0.0000,  
0.0000

■ 210.5600, -6.1921,  
-20.6621

■ 239.1470, -6.4815,  
-21.1769

■ 251.2980, 1.3321,

-7.2773

■ 80.2120, -5.0345,  
-18.6029

■ 80.2120, -5.0345,  
-18.6029

■ 76.8370, -6.3286,  
-23.5360

■ 83.5870, -3.7404,  
-13.6698

■ 73.0490, -7.9122,  
-28.9840

■ 87.3750, -2.1569,  
-8.2219

■ 69.6740, -9.2063,  
-33.9171

■ 90.7500, -0.8627,  
-3.2887

■ 66.2990, -10.5004,  
-38.8502

■ 94.1250, 0.4314,  
1.6444

■ 62.6250, -11.6471,  
-44.3981

■ 97.7990, 1.5781,  
7.1923

■ 59.1360, -13.3780,  
-49.2313

■ 101.2880, 3.3090,  
12.0254

■ 58.0110, -13.8094,  
-50.8756

■ 104.6630, 4.6031,  
16.9585

■ 108.0380, 5.8973,  
21.8917

■ 111.8260, 7.4808,  
27.3396

# Harmonies

## Analogous

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



82.7640, -12.2087, -4.1780



80.2120, -5.0345, -18.6029



76.9420, 4.4656, -32.3981

# Triad

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



80.2120, -5.0345, -18.6029



83.9560, 16.7837, -16.6244



86.8740, -8.8119, 26.4205

# Complementary

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



80.2120, -5.0345, -18.6029



71.7880, 5.0345, 18.6029

# 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.



87.5240, -1.2443, 25.8505



80.2120, -5.0345, -18.6029



87.0400, 12.7983, 1.7189

# Square

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



80.2120, -5.0345, -18.6029



78.6720, 17.4167, -33.0383



88.1190, 6.3503, 16.5586



85.4620, -14.0318, 20.6428



# Rectangle

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



80.2120, -5.0345, -18.6029



75.5050, 10.5970, -39.0309



88.1190, 6.3503, 16.5586



87.1560, -6.4859, 27.0502

# Sweetspot

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



80.2120, -5.0345, -18.6029



115.0870, -2.0149, -7.0923



85.8350, -13.2297, -3.3633



58.0380, -1.0047, -4.4183



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



# Same Dimension

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



80.2120, -5.0345, -18.6029



100.0490, -7.9122, -28.9840



82.1500, 2.3910, -20.3026



44.1630, -0.5734, -2.7740



68.5600, -16.5451, -60.1271



147.8970, -34.9522, -129.7057



# Inverse Universe

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



71.7880, 5.0345, 18.6029



86.9510, 7.9122, 28.9840



69.8500, -2.3910, 20.3026



42.8370, 0.5734, 2.7740



41.3260, 16.1083, 60.2271

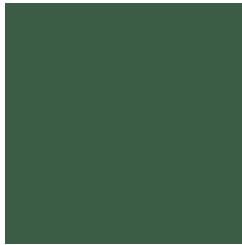


89.1030, 34.9522, 129.7057



# Previews

## White Background



This preview shows how the YUV color 80.2120, -5.0345, -18.6029 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

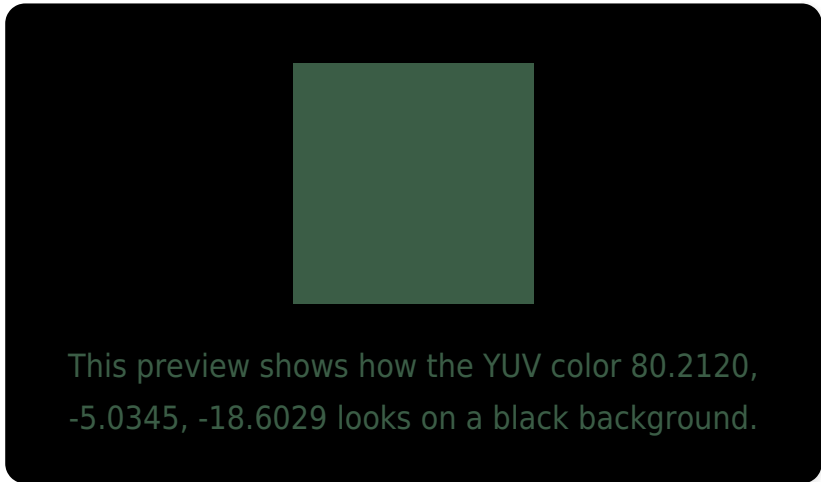
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 80.2120, -5.0345, -18.6029

## Background



This preview shows how black text looks on a background with the YUV color 80.2120, -5.0345, -18.6029.



This preview shows how white text looks on a background with the YUV color 80.2120, -5.0345,

-18.6029.

# 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

80.2120, -5.0345, -18.6029

### Protanopia

84.6280, -9.1836, 5.5882

### Deuteranopia

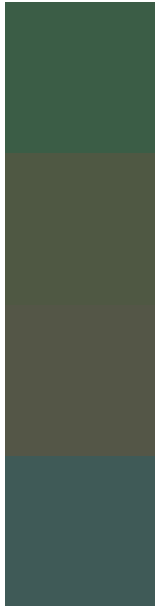
85.6440, -6.7265, 10.8362



## Tritanopia

82.7360, 7.0322, -15.5545

# Trichromacy



## Original Color

80.2120, -5.0345, -18.6029

## Protanomaly

82.9150, -7.8461, -3.4335

## Deuteranomaly

83.6920, -6.2572, 0.2701

## Tritanomaly

81.5850, 2.6696, -16.2990

# Monochromacy



## Original Color

80.2120, -5.0345, -18.6029

## Achromatopsia

80.0000, 0.0000, 0.0000

## Achromatomaly

80.0870, -2.0149, -7.0923

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 80.2120, -5.0345, -18.6029 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(59, 93, 70)` looks like.

```
.text, #text, p{  
    color:rgb(59, 93, 70)  
}
```

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(59, 93, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 93, 70) }
```

## Border

The CSS property to change the border of an element to YUV 80.2120, -5.0345, -18.6029 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(59, 93, 70) }
```



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

```
.border{ border-color:rgb(59, 93, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 93, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 93, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 93, 70);  
box-shadow:4px 4px 4px 4px rgb(59, 93, 70)  
}
```

# Background

The CSS property to change the background color of an element to YUV 80.2120, -5.0345, -18.6029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 93, 70) }
```

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

```
.background{ background-color: rgb(59, 93,  
70) }
```

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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