

Converting Colors

YUV(80.2920, 0.3490, -18.6731)

Have a look what the booklet for
YUV(80.2920, 0.3490, -18.6731)
contains.

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Color

**YUV(80.2920, 0.3490,
-18.6731)**

Conversions

Conversions Part 1

Format	Color
Hex	3B5B51
RGB	59, 91, 81
RGB Percent	23%, 36%, 32%
CMY	0.7686, 0.6431, 0.6824
CMYK	0.35, 0.00, 0.11, 0.64
HSL	161°, 21%, 29%
HSV	161°, 35%, 36%
XYZ	7.0299, 9.0061, 9.1524
YIQ	80.2920, -15.8620, -9.8940

Conversions

Conversions Part 2

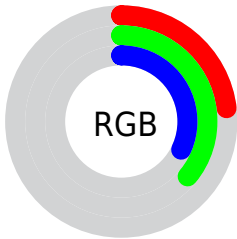
Format	Color
RYB	59, 78, 91
Decimal	3890001
CIELab	36.00, -14.24, 2.04
CIELCh	36, 14.384, 171.855
Yxy	9.0061, 0.2791, 0.3575
Android (android.graphics.Color)	4282080081 (0xFF3B5B51)
YUV	80.2920, 0.3490, -18.6731
Hunter-Lab	30.0101, -10.7037, 2.9249

Details

The YUV color **80.2920, 0.3490, -18.6731** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **69.7080, -0.3490, 18.6731**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.8790, 0.0597, -19.1879**, and **34.5200, 1.2226, -18.8730** is the 20% darker color. If you saturate the color by 10%, you get **77.2590, 0.3653, -23.9061**, and if you desaturate by 10%, it is **83.3250, 0.3328, -13.4400**.

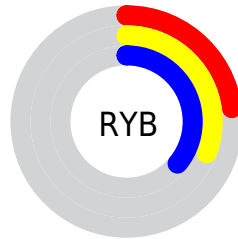
Distribution



Red (23%)

Green (36%)

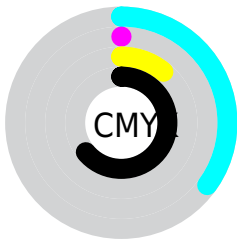
Blue (32%)



Red (23%)

Yellow (31%)

Blue (36%)

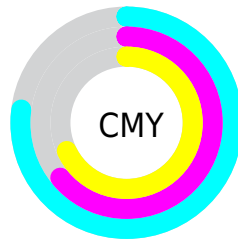


Cyan (35%)

Magenta (0%)

Yellow (11%)

Black (64%)



Cyan (77%)

Magenta (64%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.2920, 0.3490, -18.6731 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 80.2920, 0.3490, -18.6731 by changing the saturation by 10% instead.

80.2920, 0.3490,
-18.6731

80.2920, 0.3490,
-18.6731

255.0000, 0.0000,
0.0000

56.7050, 0.6384,
-18.1583

129.8790, 0.0597,
-19.1879

34.5200, 1.2226,
-18.8730

156.1670, -0.0823,
-20.3175

16.3850, -0.6828,
-14.3696

183.1670, -0.0823,
-20.3175

0.0000, 0.0000,
0.0000

210.8680, 0.0651,
-20.9322

239.4550, -0.2243,
-21.4470

251.4120, 1.7689,

-7.3773

■ 80.2920, 0.3490,
-18.6731

■ 80.2920, 0.3490,
-18.6731

■ 77.2590, 0.3653,
-23.9061

■ 83.3250, 0.3328,
-13.4400

■ 74.2260, 0.3816,
-29.1392

■ 86.3580, 0.3165,
-8.2070

■ 71.1930, 0.3979,
-34.3723

■ 89.3910, 0.3002,
-2.9739

■ 68.2740, 0.8509,
-39.7053

■ 92.3100, -0.1528,
2.3591

■ 65.2410, 0.8672,
-44.9384

■ 95.6420, -0.3165,
8.2070

■ 61.9090, 1.0309,
-50.7862

■ 98.6750, -0.3328,
13.4400

■ 60.5990, 1.1837,
-53.1453

■ 101.7080, -0.3490,
18.6731

■ 104.7410, -0.3653,
23.9061

■ 107.7740, -0.3816,
29.1392

Harmonies

Analogous

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



81.4520, -5.6458, -9.1664



80.2920, 0.3490, -18.6731



79.5670, 6.6225, -24.1763

Triad

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



80.2920, 0.3490, -18.6731



85.3230, 10.1938, -2.9143



85.4060, -9.0742, 17.1839

Complementary

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



80.2920, 0.3490, -18.6731



69.7080, -0.3490, 18.6731

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.



86.2690, -4.5696, 19.0581



80.2920, 0.3490, -18.6731



86.3630, 6.2300, 8.4516

Square

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



80.2920, 0.3490, -18.6731



83.3000, 11.6841, -14.2951



86.9250, 0.5300, 16.7288



84.4930, -11.0890, 10.0916

Rectangle

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



80.2920, 0.3490, -18.6731



79.7780, 9.9694, -24.3613



86.9250, 0.5300, 16.7288



85.7590, -7.7692, 18.6284

Sweetspot

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



80.2920, 0.3490, -18.6731



112.6570, 0.1691, -7.5922



80.7740, -10.7346, -10.3258



56.2660, -0.1311, -4.6183



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



80.2920, 0.3490, -18.6731



100.6390, 0.6710, -28.6244



77.9100, 6.4534, -16.5841



44.2770, -0.1366, -2.8739



73.1200, 0.9268, -64.1262



157.7010, 2.6124, -138.3038

Inverse Universe

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



69.7080, -0.3490, 18.6731



84.3610, -0.6710, 28.6244



72.0900, -6.4534, 16.5841



42.7230, 0.1366, 2.8739



36.7660, -1.3636, 64.2262



79.2990, -2.6124, 138.3038

Previews

White Background



This preview shows how the YUV color 80.2920, 0.3490, -18.6731 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



This preview shows how the YUV color 80.2920, 0.3490, -18.6731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

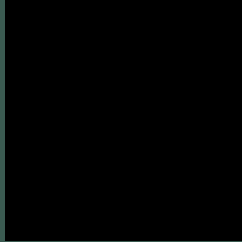
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

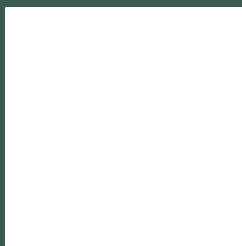
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 80.2920, 0.3490, -18.6731

Background



This preview shows how black text looks on a background with the YUV color 80.2920, 0.3490, -18.6731.



This preview shows how white text looks on a background with the YUV color 80.2920, 0.3490, -18.6731.

-18.6731.

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

80.2920, 0.3490, -18.6731

Protanopia

84.3980, -3.6472, 3.1590

Deuteranopia

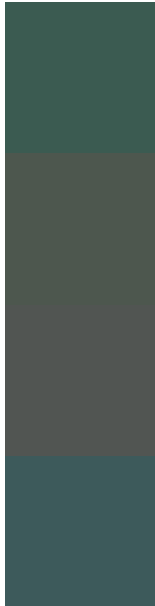
85.4030, -1.1847, 6.6626



Tritanopia

81.7250, 7.0376, -17.2988

Trichromacy



Original Color

80.2920, 0.3490, -18.6731

Protanomaly

82.9840, -2.4571, -5.2480

Deuteranomaly

83.4620, -0.7208, -2.1592

Tritanomaly

81.4430, 4.7116, -17.9285

Monochromacy



Original Color

80.2920, 0.3490, -18.6731

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.9560, 0.0217, -6.9774

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.2920, 0.3490, -18.6731 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, 91, 81)` looks like.

```
.text, #text, p{  
    color:rgb(59, 91, 81)  
}
```

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, 91, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 91, 81) }
```

Border

The CSS property to change the border of an element to YUV 80.2920, 0.3490, -18.6731 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, 91, 81) }
```


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

```
.border{ border-color:rgb(59, 91, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 91, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 91, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 91, 81);  
box-shadow:4px 4px 4px 4px rgb(59, 91, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.2920, 0.3490, -18.6731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 91, 81) }
```

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

```
.background{ background-color: rgb(59, 91,  
81) }
```

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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