

Converting Colors

YUV(80.5000, 18.4875, -3.0695)

Have a look what the booklet for
YUV(80.5000, 18.4875, -3.0695)
contains.

YUV(80.5000, 18.4875, -3.0695)	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(80.5000, 18.4875,
-3.0695)**

Conversions

Conversions Part 1

Format	Color
Hex	4D4B76
RGB	77, 75, 118
RGB Percent	30%, 29%, 46%
CMY	0.6980, 0.7059, 0.5373
CMYK	0.35, 0.36, 0.00, 0.54
HSL	243°, 22%, 38%
HSV	243°, 36%, 46%
XYZ	8.8467, 7.9179, 18.2016
YIQ	80.5000, -12.6110, 13.7970

Conversions

Conversions Part 2

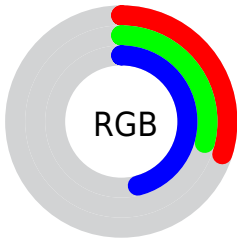
Format	Color
R_{YB}	77, 75, 118
Decimal	5065590
CIE _{Lab}	33.81, 11.89, -24.29
CIE _{LCh}	34, 27.046, 296.081
Yxy	7.9179, 0.2530, 0.2264
Android (android.graphics.Color)	4283255670 (0xFF4D4B76)
YUV	80.5000, 18.4875, -3.0695
Hunter-Lab	28.1388, 6.8762, -18.6545




Details

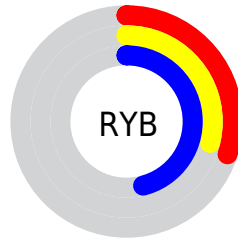
The YUV color **80.5000, 18.4875, -3.0695** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **112.5000, -18.4875, 3.0695**, and the grayscale version is **80.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **130.1410, 19.6505, -2.7547**, and **35.0330, 16.7457, -4.4139** is the 20% darker color. If you saturate the color by 10%, you get **70.1670, 23.5817, -3.6545**, and if you desaturate by 10%, it is **90.8330, 13.3933, -2.4845**.

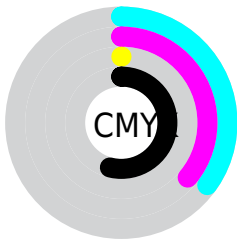
Distribution







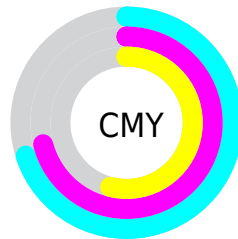
-  Red (30%)
-  Green (29%)
-  Blue (46%)






-  Red (30%)
-  Yellow (29%)
-  Blue (46%)



-  Cyan (35%)
-  Magenta (36%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (70%)
-  Magenta (71%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.5000, 18.4875, -3.0695 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 80.5000, 18.4875, -3.0695 by changing the saturation by 10% instead.

80.5000, 18.4875,
-3.0695

80.5000, 18.4875,
-3.0695

255.0000, 0.0000,
0.0000

56.9730, 17.7613,
-3.4843

130.1410, 19.6505,
-2.7547

35.0330, 16.7457,
-4.4139

156.6680, 20.3767,
-2.3398

12.4460, 17.0351,
-3.8991

183.1950, 21.1029,
-1.9250

3.5510, 11.0674,
-3.1142

211.3090, 21.5397,
-2.0250

0.0000, 0.0000,
0.0000

236.1170, 9.3093,
0.7744

■ 80.5000, 18.4875,
-3.0695

■ 80.5000, 18.4875,
-3.0695

■ 70.1670, 23.5817,
-3.6545

■ 90.8330, 13.3933,
-2.4845

■ 59.5350, 28.8232,
-4.8542

■ 101.4650, 8.1518,
-1.2848

■ 49.7890, 33.6280,
-5.9540

■ 111.2110, 3.3470,
-0.1850

■ 39.4560, 38.7222,
-6.5389

■ 121.5440, -1.7472,
0.3999

■ 29.1230, 43.8164,
-7.1239

■ 131.8770, -6.8414,
0.9849

■ 18.4910, 49.0579,
-8.3236

■ 142.5090,
-12.0829, 2.1846

■ 14.9470, 50.8051,
-8.7235

■ 152.8420,
-17.1771, 2.7696

■ 162.5880,

-21.9819, 3.8693

■ 172.9210,
-27.0761, 4.4543

Harmonies

Analogous

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



73.6920, 23.8158, -32.1789



80.5000, 18.4875, -3.0695



82.2810, 10.7075, 19.0476

Triad

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



80.5000, 18.4875, -3.0695



79.4090, -16.9636, 27.7053



62.3910, 6.7092, -52.0859

Complementary

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



80.5000, 18.4875, -3.0695



112.5000, -18.4875, 3.0695

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.



72.2780, -8.5181, -21.2918



80.5000, 18.4875, -3.0695



77.7080, -20.5620, 15.1651

Square

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



80.5000, 18.4875, -3.0695



79.9290, -8.8390, 35.1423



75.9940, -17.7450, -1.7487



64.0020, 16.7610, -56.1298

Rectangle

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



80.5000, 18.4875, -3.0695



81.3270, 4.2758, 28.6542



75.9940, -17.7450, -1.7487



67.7580, 0.1193, -38.3758

Sweetspot

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



80.5000, 18.4875, -3.0695



138.2370, 7.2782, -1.0848



104.5560, 6.6279, -25.9206



68.1400, 4.3680, -0.9998



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.



80.5000, 18.4875, -3.0695



94.5350, 28.8232, -4.8542



86.7790, 15.3920, 9.8408



53.6840, 2.6208, -0.5999



15.7020, 52.4049, -8.5087



32.0880, 107.4306, -17.6172

Inverse Universe

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



92.5310, 11.5702, 22.3363



113.3290, 18.0788, 34.7915



106.2210, -15.3920, -9.8408



55.3640, 1.2995, 3.1888



49.8160, 33.1217, 63.3054



101.8820, 67.1062, 129.8995

Previews

White Background



This preview shows how the YUV color 80.5000, 18.4875, -3.0695 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 80.5000, 18.4875, -3.0695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

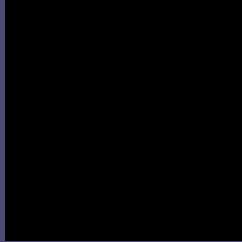
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.5000, 18.4875, -3.0695

Background



This preview shows how black text looks on a background with the YUV color 80.5000, 18.4875, -3.0695.



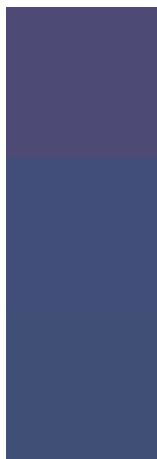
This preview shows how white text looks on a background with the YUV color 80.5000, 18.4875,

-3.0695.

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

80.5000, 18.4875, -3.0695

Protanopia

79.0150, 20.6986, -12.2912

Deuteranopia

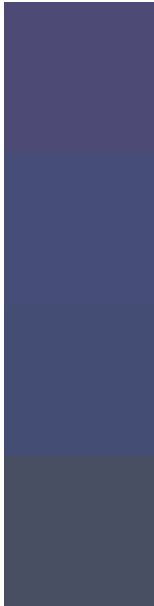
78.5480, 18.9568, -13.6356



Tritanopia

78.5090, 4.6791, -7.4624

Trichromacy



Original Color

80.5000, 18.4875, -3.0695

Protanomaly

79.5100, 19.9616, -9.2173

Deuteranomaly

79.4560, 18.5092, -10.0469

Tritanomaly

79.4860, 9.6204, -5.6882

Monochromacy



Original Color

80.5000, 18.4875, -3.0695

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.0090, 6.4046, -0.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.5000, 18.4875, -3.0695 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(77, 75, 118)` looks like.

```
.text, #text, p{  
    color:rgb(77, 75, 118)  
}
```

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(77, 75, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 75, 118) }
```

Border

The CSS property to change the border of an element to YUV 80.5000, 18.4875, -3.0695 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(77, 75, 118) }
```


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

```
.border{ border-color:rgb(77, 75, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 75, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 75, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 75, 118);  
box-shadow:4px 4px 4px 4px rgb(77, 75,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 80.5000, 18.4875, -3.0695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 75, 118) }
```

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

```
.background{ background-color: rgb(77, 75,  
118) }
```

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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