

Converting Colors

YUV(80.1920, 12.2303, -2.7994)

Have a look what the booklet for
YUV(80.1920, 12.2303, -2.7994)
contains.

YUV(80.1920, 12.2303, -2.7994)	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(80.1920, 12.2303,
-2.7994)**

Conversions

Conversions Part 1

Format	Color
Hex	4D4D69
RGB	77, 77, 105
RGB Percent	30%, 30%, 41%
CMY	0.6980, 0.6980, 0.5882
CMYK	0.27, 0.27, 0.00, 0.59
HSL	240°, 15%, 36%
HSV	240°, 27%, 41%
XYZ	8.2642, 7.9055, 14.4549
YIQ	80.1920, -8.9880, 8.7080

Conversions

Conversions Part 2

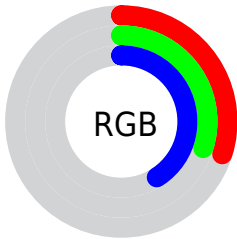
Format	Color
R_{YB}	77, 77, 105
Decimal	5066089
CIE Lab	33.79, 6.92, -16.19
CIE LCh	34, 17.606, 293.136
Yxy	7.9055, 0.2699, 0.2581
Android (android.graphics.Color)	4283256169 (0xFF4D4D69)
YUV	80.1920, 12.2303, -2.7994
Hunter-Lab	28.1166, 3.2619, -10.7997

Details

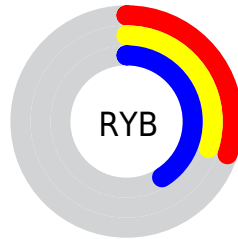
The YUV color **80.1920, 12.2303, -2.7994** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **101.8080, -12.2303, 2.7994**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.7190, 12.9565, -2.3846**, and **35.5510, 11.0674, -3.1142** is the 20% darker color. If you saturate the color by 10%, you get **70.4460, 17.0351, -3.8991**, and if you desaturate by 10%, it is **89.0520, 7.8624, -1.7996**.

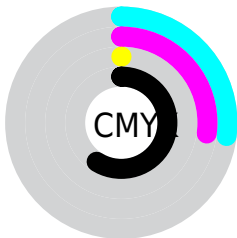
Distribution



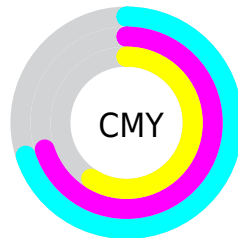
- Red (30%)
- Green (30%)
- Blue (41%)



- Red (30%)
- Yellow (30%)
- Blue (41%)



- Cyan (27%)
- Magenta (27%)
- Yellow (0%)
- Black (59%)



- Cyan (70%)
- Magenta (70%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.1920, 12.2303, -2.7994 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 80.1920, 12.2303, -2.7994 by changing the saturation by 10% instead.

■ 80.1920, 12.2303,
-2.7994

■ 80.1920, 12.2303,
-2.7994

■ 255.0000, 0.0000,
0.0000

■ 57.0780, 11.7935,
-2.6994

■ 129.7190, 12.9565,
-2.3846

■ 35.5510, 11.0674,
-3.1142

■ 155.8330, 13.3933,
-2.4845

■ 13.2630, 11.2093,
-1.9847

■ 182.3600, 14.1195,
-2.0697

■ 2.0690, 5.3890,
-1.8145

■ 210.0610, 14.2669,
-2.6845

■ 0.0000, 0.0000,
0.0000

■ 236.9920, 8.8779,
-0.8700

80.1920, 12.2303,
-2.7994

80.1920, 12.2303,
-2.7994

70.4460, 17.0351,
-3.8991

89.0520, 7.8624,
-1.7996

61.5860, 21.4031,
-4.8989

98.7980, 3.0576,
-0.6998

51.8400, 26.2079,
-5.9987

107.6580, -1.3104,
0.2999

42.9800, 30.5759,
-6.9985

117.4040, -6.1152,
1.3997

33.2340, 35.3806,
-8.0982

127.1500,
-10.9200, 2.4994

24.3740, 39.7486,
-9.0980

136.0100,
-15.2879, 3.4992

14.6280, 44.5534,
-10.1978

145.7560,
-20.0927, 4.5990

11.9700, 45.8638,

154.6160,

-10.4977

-24.4607, 5.5988

■ 163.4760,
-28.8287, 6.5985

Harmonies

Analogous

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



77.0760, 14.7525, -18.4837



80.1920, 12.2303, -2.7994



81.3140, 7.2402, 11.1256

Triad

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



80.1920, 12.2303, -2.7994



80.2600, -10.9742, 19.9430



73.4870, 1.2389, -24.1061

Complementary

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



80.1920, 12.2303, -2.7994



101.8080, -12.2303, 2.7994

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.



75.5010, -6.6560, -11.8404



80.1920, 12.2303, -2.7994



78.6350, -13.1311, 11.7211

Square

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



80.1920, 12.2303, -2.7994



80.9490, -5.8909, 22.8467



77.6120, -11.6407, 0.3403



71.7940, 8.9756, -32.2683

Rectangle

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



80.1920, 12.2303, -2.7994



81.6200, 3.1453, 17.8733



77.6120, -11.6407, 0.3403



74.4120, -1.6821, -20.5323

Sweetspot

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



80.1920, 12.2303, -2.7994



128.2540, 4.8048, -1.0998



96.6280, 4.1274, -17.2138



62.7980, 3.0576, -0.6998



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



80.1920, 12.2303, -2.7994



99.0160, 19.2191, -4.3990



84.3780, 10.1666, 5.8075



48.6840, 2.6208, -0.5999



13.3380, 51.1054, -11.6974



27.9300, 107.0155, -24.4946

Inverse Universe

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



88.5640, 8.1029, 14.4144



112.1720, 12.7332, 22.6512



97.6220, -10.1666, -5.8075



50.4780, 1.7363, 3.0888



48.3210, 33.8587, 60.2315



101.1850, 70.9008, 126.1258

Previews

White Background



This preview shows how the YUV color 80.1920, 12.2303, -2.7994 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 80.1920, 12.2303, -2.7994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

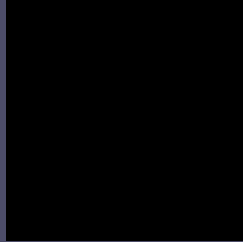
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.1920, 12.2303, -2.7994

Background



This preview shows how black text looks on a background with the YUV color 80.1920, 12.2303, -2.7994.



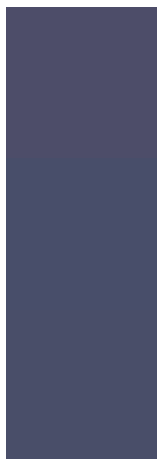
This preview shows how white text looks on a background with the YUV color 80.1920, 12.2303,

-2.7994.

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

80.1920, 12.2303, -2.7994

Protanopia

79.3980, 13.1148, -6.4880

Deuteranopia

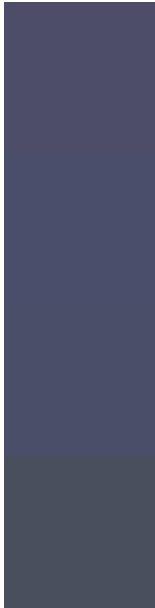
79.5830, 12.5306, -5.7733



Tritanopia

78.7050, 4.0894, -5.0033

Trichromacy



Original Color

80.1920, 12.2303, -2.7994

Protanomaly

79.9960, 12.8200, -5.2585

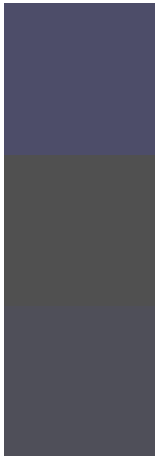
Deuteranomaly

79.8820, 12.3832, -5.1585

Tritanomaly

79.2150, 7.2890, -4.5736

Monochromacy



Original Color

80.1920, 12.2303, -2.7994

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.1400, 4.3680, -0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.1920, 12.2303, -2.7994 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, 77, 105)` looks like.

```
.text, #text, p{  
    color:rgb(77, 77, 105)  
}
```

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, 77, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 77, 105) }
```

Border

The CSS property to change the border of an element to YUV 80.1920, 12.2303, -2.7994 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, 77, 105) }
```


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

```
.border{ border-color:rgb(77, 77, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 77, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 77, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 77, 105);  
box-shadow:4px 4px 4px 4px rgb(77, 77,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 80.1920, 12.2303, -2.7994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 77, 105) }
```

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

```
.background{ background-color: rgb(77, 77,  
105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor