

Converting Colors

YUV(80.5720, 12.5360, -7.5176)

Have a look what the booklet for
YUV(80.5720, 12.5360, -7.5176)
contains.

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Color

**YUV(80.5720, 12.5360,
-7.5176)**

Conversions

Conversions Part 1

Format	Color
Hex	48506A
RGB	72, 80, 106
RGB Percent	28%, 31%, 42%
CMY	0.7176, 0.6863, 0.5843
CMYK	0.32, 0.25, 0.00, 0.58
HSL	226°, 19%, 35%
HSV	226°, 32%, 42%
XYZ	8.1427, 8.1556, 14.7807
YIQ	80.5720, -13.1140, 6.3900

Conversions

Conversions Part 2

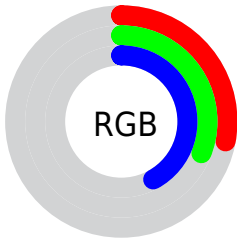
Format	Color
R_{YB}	72, 78, 106
Decimal	4739178
CIE Lab	34.30, 3.59, -16.06
CIE LCh	34, 16.451, 282.590
Yxy	8.1556, 0.2620, 0.2624
Android (android.graphics.Color)	4282929258 (0xFF48506A)
YUV	80.5720, 12.5360, -7.5176
Hunter-Lab	28.5581, 0.9184, -10.6958

Details

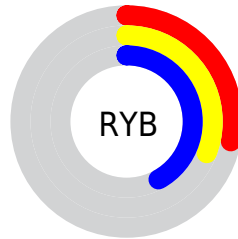
The YUV color **80.5720, 12.5360, -7.5176** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **97.4280, -12.5360, 7.5176**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.8000, 13.4096, -7.7176**, and **35.6320, 11.5204, -8.4473** is the 20% darker color. If you saturate the color by 10%, you get **72.5870, 16.4726, -10.1618**, and if you desaturate by 10%, it is **88.5570, 8.5994, -4.8735**.

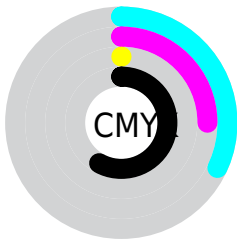
Distribution



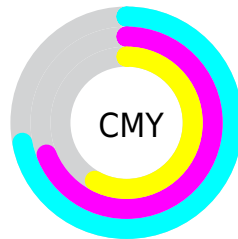
- Red (28%)
- Green (31%)
- Blue (42%)



- Red (28%)
- Yellow (31%)
- Blue (42%)



- Cyan (32%)
- Magenta (25%)
- Yellow (0%)
- Black (58%)



- Cyan (72%)
- Magenta (69%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.5720, 12.5360, -7.5176 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 80.5720, 12.5360, -7.5176 by changing the saturation by 10% instead.

■ 80.5720, 12.5360,
-7.5176

■ 80.5720, 12.5360,
-7.5176

■ 255.0000, 0.0000,
0.0000

■ 57.4580, 12.0992,
-7.4177

■ 129.8000, 13.4096,
-7.7176

■ 35.6320, 11.5204,
-8.4473

■ 155.9140, 13.8464,
-7.8176

■ 13.6320, 11.5204,
-8.4473

■ 183.0280, 14.2832,
-7.9176

■ 2.2970, 6.2626,
-2.0145

■ 210.4410, 14.5726,
-7.4028

■ 0.0000, 0.0000,
0.0000

■ 237.5460, 8.6048,
-6.6178

■ 80.5720, 12.5360,
-7.5176

■ 80.5720, 12.5360,
-7.5176

■ 72.5870, 16.4726,
-10.1618

■ 88.5570, 8.5994,
-4.8735

■ 64.9010, 20.2618,
-12.1912

■ 96.2430, 4.8102,
-2.8441

■ 56.9160, 24.1984,
-14.8353

■ 104.2280, 0.8736,
-0.2000

■ 49.2300, 27.9876,
-16.8647

■ 111.9140, -2.9156,
1.8294

■ 40.6580, 32.2136,
-18.9941

■ 120.4860, -7.1416,
3.9588

■ 32.6730, 36.1502,
-21.6382

■ 128.4710,
-11.0782, 6.6029

■ 26.7590, 39.0658,
-23.4676

■ 136.1570,
-14.8674, 8.6323

■ 144.1420,

-18.8040, 11.2765

■ 151.8280,
-22.5932, 13.3058

Harmonies

Analogous

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



77.1250, 13.7424, -21.1576



80.5720, 12.5360, -7.5176



82.0360, 8.8563, 6.1074

Triad

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



80.5720, 12.5360, -7.5176



81.5420, -8.6482, 20.5727



75.7220, -1.8349, -18.1732

Complementary

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



80.5720, 12.5360, -7.5176



97.4280, -12.5360, 7.5176

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.



77.7790, -8.2720, -6.8222



80.5720, 12.5360, -7.5176



80.5860, -12.1209, 14.3951

Square

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



80.5720, 12.5360, -7.5176



82.3340, -3.1227, 21.6321



79.5200, -12.0884, 3.9290



74.3170, 5.7597, -27.4650

Rectangle

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



80.5720, 12.5360, -7.5176



82.7550, 5.0508, 13.3699



79.5200, -12.0884, 3.9290



76.7610, -4.3192, -14.6994

Sweetspot

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



80.5720, 12.5360, -7.5176



127.3570, 5.2470, -2.9441



94.9220, 1.5175, -20.1026



63.0860, 2.9156, -1.8294



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.



80.5720, 12.5360, -7.5176



98.6730, 19.3882, -11.9912



78.5670, 13.5245, 2.1337



49.2710, 2.3314, -1.1147



29.7740, 43.0024, -26.1118



61.9760, 90.2308, -54.3530

Inverse Universe

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



83.0780, -1.5175, 20.1026



102.3290, -2.1342, 31.2835



99.7320, -13.6719, -1.5190



49.9080, -0.4476, 3.5887



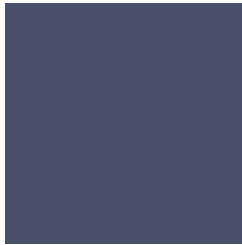
38.1750, -5.0163, 69.1295



79.8670, -10.7804, 144.8216

Previews

White Background



This preview shows how the YUV color 80.5720, 12.5360, -7.5176 looks on a white background.

Color Contrast Check

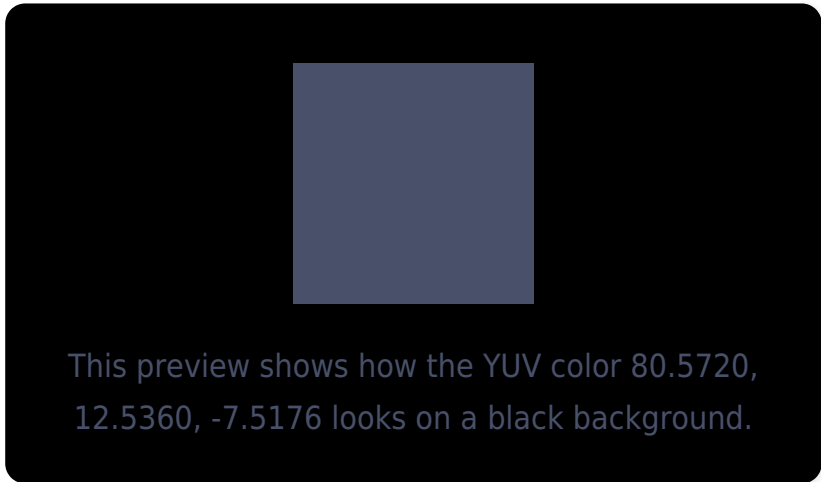
Large Text (above 18pt) WCAG AA ✓ Pass

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 80.5720, 12.5360, -7.5176

Background



This preview shows how black text looks on a background with the YUV color 80.5720, 12.5360, -7.5176.



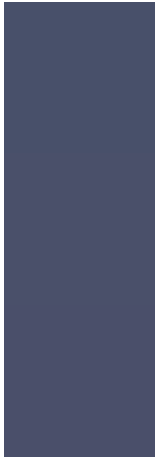
This preview shows how white text looks on a background with the YUV color 80.5720, 12.5360,

-7.5176.

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

80.5720, 12.5360, -7.5176

Protanopia

81.1700, 12.2412, -6.2881

Deuteranopia

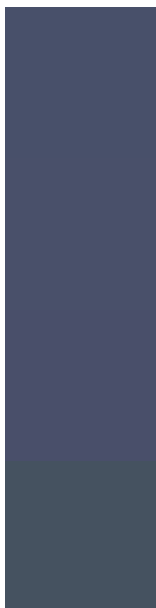
80.5830, 12.5306, -5.7733



Tritanopia

79.3130, 5.2687, -9.9215

Trichromacy



Original Color

80.5720, 12.5360, -7.5176

Protanomaly

80.8710, 12.3886, -6.9029

Deuteranomaly

80.2840, 12.6780, -6.3881

Tritanomaly

79.7090, 8.0315, -9.3918

Monochromacy



Original Color

80.5720, 12.5360, -7.5176

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.1290, 4.3734, -2.7441

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.5720, 12.5360, -7.5176 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(72, 80, 106)` looks like.

```
.text, #text, p{  
    color:rgb(72, 80, 106)  
}
```

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(72, 80, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 80, 106) }
```

Border

The CSS property to change the border of an element to YUV 80.5720, 12.5360, -7.5176 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(72, 80, 106) }
```


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

```
.border{ border-color:rgb(72, 80, 106) }
```

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

Here you see how a box with a 4 pixel rgb(72, 80, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 80, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 80, 106);  
box-shadow:4px 4px 4px 4px rgb(72, 80,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 80.5720, 12.5360, -7.5176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 80, 106) }
```

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

```
.background{ background-color: rgb(72, 80,  
106) }
```

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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