

Converting Colors

YUV(80.2300, 11.2256, -7.2177)

Have a look what the booklet for
YUV(80.2300, 11.2256, -7.2177)
contains.

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Color

**YUV(80.2300, 11.2256,
-7.2177)**

Conversions

Conversions Part 1

Format	Color
Hex	485067
RGB	72, 80, 103
RGB Percent	28%, 31%, 40%
CMY	0.7176, 0.6863, 0.5961
CMYK	0.30, 0.22, 0.00, 0.60
HSL	225°, 18%, 34%
HSV	225°, 30%, 40%
XYZ	7.9893, 8.0943, 13.9732
YIQ	80.2300, -12.1510, 5.4570

Conversions

Conversions Part 2

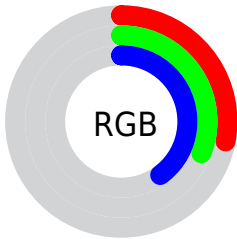
Format	Color
R_{YB}	72, 78, 103
Decimal	4739175
CIE Lab	34.18, 2.74, -14.37
CIE LCh	34, 14.625, 280.792
Yxy	8.0943, 0.2658, 0.2693
Android (android.graphics.Color)	4282929255 (0xFF485067)
YUV	80.2300, 11.2256, -7.2177
Hunter-Lab	28.4505, 0.3371, -9.2045

Details

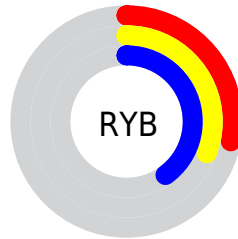
The YUV color **80.2300, 11.2256, -7.2177** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **94.7700, -11.2256, 7.2177**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.4580, 12.0992, -7.4177**, and **35.5890, 10.0626, -7.5326** is the 20% darker color. If you saturate the color by 10%, you get **72.5440, 15.0148, -9.2471**, and if you desaturate by 10%, it is **87.9160, 7.4364, -5.1883**.

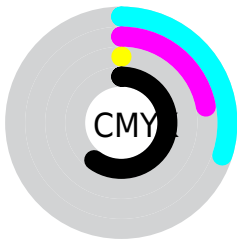
Distribution



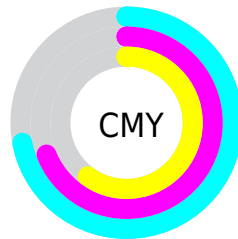
- Red (28%)
- Green (31%)
- Blue (40%)



- Red (28%)
- Yellow (31%)
- Blue (40%)



- Cyan (30%)
- Magenta (22%)
- Yellow (0%)
- Black (60%)



- Cyan (72%)
- Magenta (69%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.2300, 11.2256, -7.2177 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 80.2300, 11.2256, -7.2177 by changing the saturation by 10% instead.

■ 80.2300, 11.2256,
-7.2177

■ 80.2300, 11.2256,
-7.2177

■ 255.0000, 0.0000,
0.0000

■ 57.1160, 10.7888,
-7.1177

■ 129.4580, 12.0992,
-7.4177

■ 35.5890, 10.0626,
-7.5326

■ 155.5720, 12.5360,
-7.5176

■ 13.4040, 10.6468,
-8.2473

■ 182.6860, 12.9728,
-7.6176

■ 1.2540, 4.8048,
-1.0998

■ 210.0990, 13.2622,
-7.1028

■ 0.0000, 0.0000,
0.0000

■ 237.5460, 8.6048,
-6.6178

■ 80.2300, 11.2256,
-7.2177

■ 80.2300, 11.2256,
-7.2177

■ 72.5440, 15.0148,
-9.2471

■ 87.9160, 7.4364,
-5.1883

■ 65.1460, 18.6620,
-12.4060

■ 95.3140, 3.7892,
-2.0294

■ 57.4600, 22.4512,
-14.4354

■ 103.0000, 0.0000,
0.0000

■ 49.7740, 26.2404,
-16.4648

■ 110.6860, -3.7892,
2.0294

■ 42.6750, 29.7402,
-19.0090

■ 118.0840, -7.4364,
5.1883

■ 34.6900, 33.6768,
-21.6531


■ 125.7700,
-11.2256, 7.2177

■ 27.5910, 37.1766,
-24.1973

■ 132.8690,
-14.7254, 9.7619

■ 140.5550,

-18.5146, 11.7913

 148.5400,
-22.4512, 14.4354

Harmonies

Analogous

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



77.6800, 11.9898, -19.0134



80.2300, 11.2256, -7.2177



81.7970, 7.9881, 4.5630

Triad

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



80.2300, 11.2256, -7.2177



81.4600, -7.6218, 18.0136



76.3310, -2.1352, -15.1993

Complementary

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



80.2300, 11.2256, -7.2177



94.7700, -11.2256, 7.2177

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.



78.0180, -7.4039, -5.2778



80.2300, 11.2256, -7.2177



80.6290, -10.6631, 13.4804

Square

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



80.2300, 11.2256, -7.2177



82.1380, -2.5330, 19.1730



79.5740, -10.6360, 4.7586



75.2960, 4.2911, -23.0616

Rectangle

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



80.2300, 11.2256, -7.2177



82.6300, 4.6194, 11.7255



79.5740, -10.6360, 4.7586



77.1850, -4.0352, -12.4402

Sweetspot

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



80.2300, 11.2256, -7.2177



126.1290, 4.3734, -2.7441



92.8190, 1.0752, -18.2583



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.



80.2300, 11.2256, -7.2177



99.2170, 17.6410, -11.5913



77.6270, 12.5089, 1.2041



47.1570, 1.8946, -1.0147



30.7200, 41.5500, -26.9414



64.5690, 87.4735, -56.6270

Inverse Universe

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



82.1810, -1.0752, 18.2583



102.1330, -1.5446, 28.8244



97.3730, -12.5089, -1.2041



47.6090, -0.3002, 2.9739



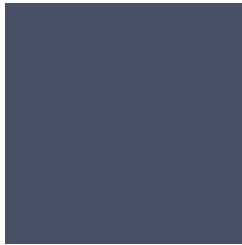
37.8050, -3.8479, 67.7000



79.5400, -8.1542, 142.4774

Previews

White Background



This preview shows how the YUV color 80.2300, 11.2256, -7.2177 looks on a white background.

Color Contrast Check

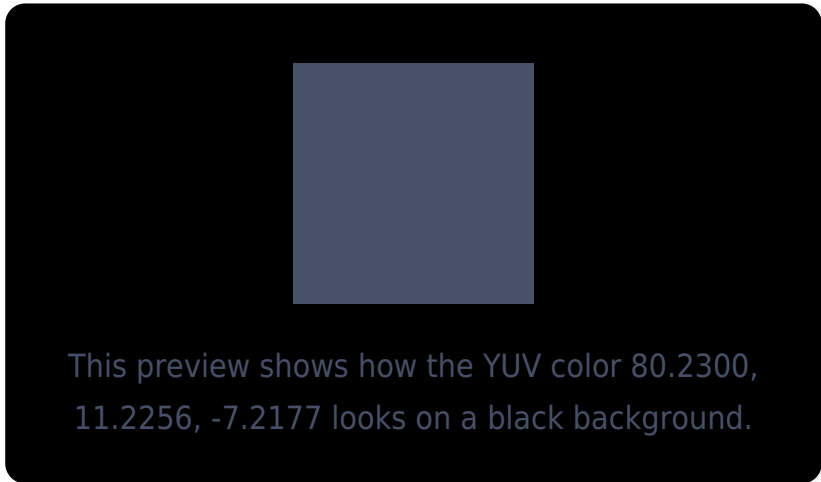
Large Text (above 18pt) WCAG AA ✓ Pass

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

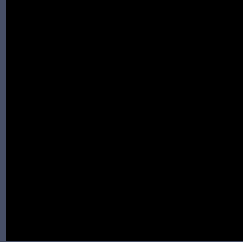
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

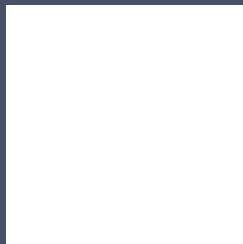
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 80.2300, 11.2256, -7.2177

Background



This preview shows how black text looks on a background with the YUV color 80.2300, 11.2256, -7.2177.



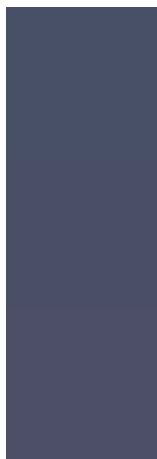
This preview shows how white text looks on a background with the YUV color 80.2300, 11.2256,

-7.2177.

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

80.2300, 11.2256, -7.2177

Protanopia

80.2410, 11.2202, -5.4734

Deuteranopia

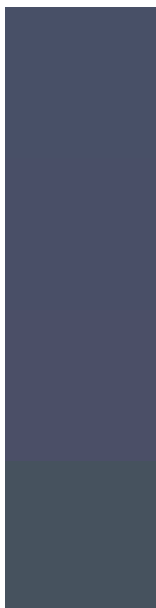
80.8390, 10.9254, -4.2438



Tritanopia

79.4980, 4.6845, -9.2067

Trichromacy



Original Color

80.2300, 11.2256, -7.2177

Protanomaly

79.9420, 11.3676, -6.0881

Deuteranomaly

80.5400, 11.0728, -4.8586

Tritanomaly

79.7800, 7.0105, -8.5771

Monochromacy



Original Color

80.2300, 11.2256, -7.2177

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.0150, 3.9366, -2.6442

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.2300, 11.2256, -7.2177 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, 103)` looks like.

```
.text, #text, p{  
    color:rgb(72, 80, 103)  
}
```

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, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 80, 103) }
```

Border

The CSS property to change the border of an element to YUV 80.2300, 11.2256, -7.2177 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, 103) }
```


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

```
.border{ border-color:rgb(72, 80, 103) }
```

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, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 80, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 80, 103);  
box-shadow:4px 4px 4px 4px rgb(72, 80,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 80.2300, 11.2256, -7.2177 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, 103) }
```

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

```
.background{ background-color: rgb(72, 80,  
103) }
```

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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