

Converting Colors

YUV(80.4500, 0.7642, -11.7956)

Have a look what the booklet for
YUV(80.4500, 0.7642, -11.7956)
contains.

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Color

**YUV(80.4500, 0.7642,
-11.7956)**

Conversions

Conversions Part 1

Format	Color
Hex	435752
RGB	67, 87, 82
RGB Percent	26%, 34%, 32%
CMY	0.7373, 0.6588, 0.6784
CMYK	0.23, 0.00, 0.06, 0.66
HSL	165°, 13%, 30%
HSV	165°, 23%, 34%
XYZ	7.2459, 8.6189, 9.2644
YIQ	80.4500, -10.3150, -5.7950

Conversions

Conversions Part 2

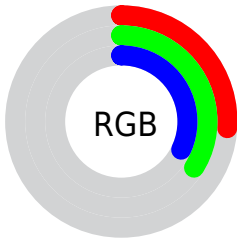
Format	Color
RYB	67, 78, 87
Decimal	4413266
CIELab	35.24, -8.85, 0.38
CIELCh	35, 8.860, 177.551
Yxy	8.6189, 0.2883, 0.3430
Android (android.graphics.Color)	4282603346 (0xFF435752)
YUV	80.4500, 0.7642, -11.7956
Hunter-Lab	29.3579, -7.3202, 1.8407

Details

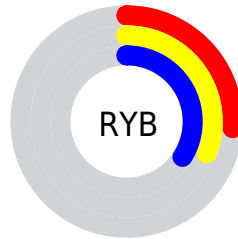
The YUV color **80.4500, 0.7642, -11.7956** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **73.5500, -0.7641, 11.7957**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.7380, 0.6222, -12.9252**, and **35.7490, 0.6167, -11.1809** is the 20% darker color. If you saturate the color by 10%, you get **77.5310, 1.2172, -17.1287**, and if you desaturate by 10%, it is **83.3690, 0.3111, -6.4626**.

Distribution



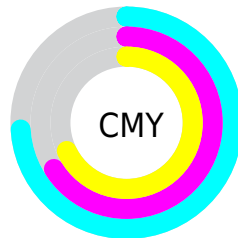
- Red (26%)
- Green (34%)
- Blue (32%)



- Red (26%)
- Yellow (31%)
- Blue (34%)



- Cyan (23%)
- Magenta (0%)
- Yellow (6%)
- Black (66%)



- Cyan (74%)
- Magenta (66%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.4500, 0.7642, -11.7956 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 80.4500, 0.7642, -11.7956 by changing the saturation by 10% instead.

■ 80.4500, 0.7642,
-11.7956

■ 80.4500, 0.7642,
-11.7956

■ 255.0000, 0.0000,
0.0000

■ 57.4500, 0.7642,
-11.7956

■ 129.7380, 0.6222,
-12.9252

■ 35.7490, 0.6167,
-11.1809

■ 155.7380, 0.6222,
-12.9252

■ 14.8520, 1.0590,
-13.0252

■ 182.7380, 0.6222,
-12.9252

■ 0.0000, 0.0000,
0.0000

■ 210.4390, 0.7696,
-13.5400

■ 239.0260, 0.4802,
-14.0548

■ 254.1030, 0.4422,

-1.8443

■ 80.4500, 0.7642,
-11.7956

■ 80.4500, 0.7642,
-11.7956

■ 77.5310, 1.2172,
-17.1287

■ 83.3690, 0.3111,
-6.4626

■ 74.9110, 1.5229,
-21.8469

■ 85.9890, 0.0054,
-1.7444

■ 71.8780, 1.5391,
-27.0800

■ 89.0220, -0.0108,
3.4887

■ 68.9590, 1.9922,
-32.4130

■ 91.9410, -0.4639,
8.8217

■ 66.0400, 2.4453,
-37.7461

■ 94.8600, -0.9170,
14.1548

■ 63.4200, 2.7509,
-42.4643

■ 97.4800, -1.2226,
18.8730

■ 60.5010, 3.2040,
-47.7974

■ 100.3990, -1.6757,
24.2061

■ 58.4790, 3.2149,
-51.2861

■ 103.3180, -2.1288,
29.5391

■ 106.0520, -1.9976,
34.1574

Harmonies

Analogous

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



80.8590, -2.8885, -6.8923



80.4500, 0.7642, -11.7956



80.3510, 4.2640, -14.3398

Triad

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



80.4500, 0.7642, -11.7956



83.4930, 5.6730, 0.4446



83.4590, -6.1423, 10.1215

Complementary

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



80.4500, 0.7642, -11.7956



73.5500, -0.7641, 11.7957

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.



83.8660, -3.3849, 12.3955



80.4500, 0.7642, -11.7956



84.2550, 3.3253, 6.7924

Square

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



80.4500, 0.7642, -11.7956



82.4920, 7.1524, -7.4475



84.3650, -0.1799, 11.0809



82.6110, -6.7102, 5.6032

Rectangle

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



80.4500, 0.7642, -11.7956



80.8180, 6.0057, -12.9954



84.3650, -0.1799, 11.0809



83.3990, -5.1267, 11.0511

Sweetspot

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



80.4500, 0.7642, -11.7956



109.3800, 0.3057, -4.7183



80.2350, -6.5249, -7.2221



54.6900, 0.1528, -2.3591



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



80.4500, 0.7642, -11.7956



101.8190, 1.0752, -18.2583



78.0850, 4.3951, -9.7215



41.6900, 0.1528, -2.3591



71.9290, 3.9790, -63.0817



158.0090, 8.8696, -138.5739

Inverse Universe

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



73.5500, -0.7641, 11.7957



91.1810, -1.0752, 18.2583



75.9150, -4.3951, 9.7215



40.3100, -0.1528, 2.3591



35.0710, -3.9790, 63.0817



76.9910, -8.8696, 138.5739

Previews

White Background



This preview shows how the YUV color 80.4500, 0.7642, -11.7956 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 80.4500, 0.7642, -11.7956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

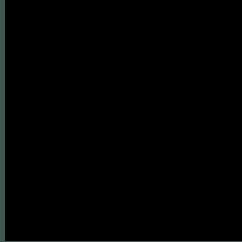
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.4500, 0.7642, -11.7956

Background



This preview shows how black text looks on a background with the YUV color 80.4500, 0.7642, -11.7956.



This preview shows how white text looks on a background with the YUV color 80.4500, 0.7642, -11.7956.

-11.7956.

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

80.4500, 0.7642, -11.7956

Protanopia

82.5550, -1.7526, 2.1443

Deuteranopia

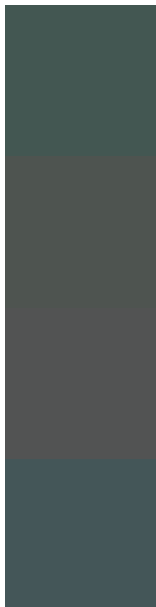
83.3320, -0.1637, 5.8478



Tritanopia

81.0140, 5.4161, -10.5363

Trichromacy



Original Color

80.4500, 0.7642, -11.7956

Protanomaly

81.7500, -0.8628, -3.2887

Deuteranomaly

82.7010, 0.1474, -0.6148

Tritanomaly

80.8460, 3.5269, -11.2659

Monochromacy



Original Color

80.4500, 0.7642, -11.7956

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.3800, 0.3057, -4.7183

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.4500, 0.7642, -11.7956 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(67, 87, 82)` looks like.

```
.text, #text, p{  
    color:rgb(67, 87, 82)  
}
```

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(67, 87, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 87, 82) }
```

Border

The CSS property to change the border of an element to YUV 80.4500, 0.7642, -11.7956 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(67, 87, 82) }
```


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

```
.border{ border-color:rgb(67, 87, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 87, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 87, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 87, 82);  
box-shadow:4px 4px 4px 4px rgb(67, 87, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.4500, 0.7642, -11.7956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 87, 82) }
```

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

```
.background{ background-color: rgb(67, 87,  
82) }
```

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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