

Converting Colors

YUV(80.4620, -7.1298, 46.9528)

Have a look what the booklet for
YUV(80.4620, -7.1298, 46.9528)
contains.

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Color

**YUV(80.4620, -7.1298,
46.9528)**

Conversions

Conversions Part 1

Format	Color
Hex	863842
RGB	134, 56, 66
RGB Percent	53%, 22%, 26%
CMY	0.4745, 0.7804, 0.7412
CMYK	0.00, 0.58, 0.51, 0.47
HSL	352°, 41%, 37%
HSV	352°, 58%, 53%
XYZ	12.2291, 8.2900, 6.1098
YIQ	80.4620, 43.2780, 19.6460

Conversions

Conversions Part 2

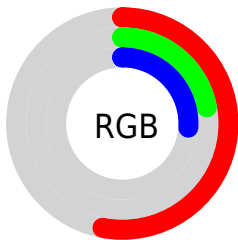
Format	Color
R_{YB}	134, 56, 66
Decimal	8796226
CIE _{Lab}	34.58, 34.40, 10.64
CIE _{LCh}	35, 36.010, 17.182
Yxy	8.2900, 0.4592, 0.3113
Android (android.graphics.Color)	4286986306 (0xFF863842)
YUV	80.4620, -7.1298, 46.9528
Hunter-Lab	28.7924, 25.4280, 7.5731

Details

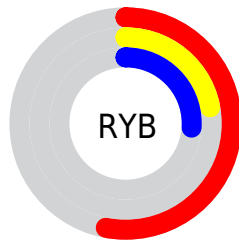
The YUV color **80.4620, -7.1298, 46.9528** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **109.5380, 7.1298, -46.9528**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.0280, -8.8878, 50.8414**, and **28.4170, -2.1776, 45.2383** is the 20% darker color. If you saturate the color by 10%, you get **71.4630, -8.6093, 54.8449**, and if you desaturate by 10%, it is **89.4610, -5.6503, 39.0607**.

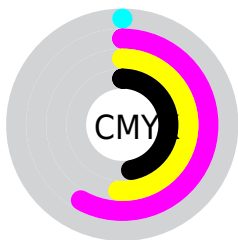
Distribution



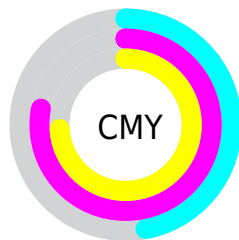
- Red (53%)
- Green (22%)
- Blue (26%)



- Red (53%)
- Yellow (22%)
- Blue (26%)



- Cyan (0%)
- Magenta (58%)
- Yellow (51%)
- Black (47%)



- Cyan (47%)
- Magenta (78%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.4620, -7.1298, 46.9528 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 80.4620, -7.1298, 46.9528 by changing the saturation by 10% instead.

80.4620, -7.1298,
46.9528

80.4620, -7.1298,
46.9528

255.0000, 0.0000,
0.0000

55.2060, -5.5246,
45.4233

132.0280, -8.8878,
50.8414

28.4170, -2.1776,
45.2383

159.1100, -9.9142,
53.4005

16.4450, -8.1074,
33.8127

186.7080,
-10.2090, 54.6301

6.8770, -3.3904,
14.1399

207.4290, -7.1135,
41.7198

0.0000, 0.0000,
0.0000

226.9430, -3.4229,
24.6060

247.2720, 0.8519,

6.7775

■ 80.4620, -7.1298,
46.9528

■ 80.4620, -7.1298,
46.9528

■ 71.4630, -8.6093,
54.8449

■ 89.4610, -5.6503,
39.0607

■ 61.9910, -9.3626,
63.1519

■ 98.9330, -4.8970,
30.7538

■ 52.9920, -10.8421,
71.0440

■ 107.9320, -3.4175,
22.8616

■ 43.4060, -12.0322,
79.4509

■ 117.5180, -2.2274,
14.4547

■ 42.0040, -12.3270,
80.6805

■ 126.4030, -1.1847,
6.6626

■ 135.4020, 0.2948,
-1.2296

■ 144.9880, 1.4849,
-9.6365

■ 153.8730, 2.5276,
-17.4286

■ 163.4590, 3.7177,
-25.8355

Harmonies

Analogous

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



82.2620, 6.2798, 39.2352



80.4620, -7.1298, 46.9528



79.8020, -19.6224, 40.5156

Triad

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



80.4620, -7.1298, 46.9528



72.3290, -15.9382, -21.3365



67.2740, 34.3749, -58.9993

Complementary

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



80.4620, -7.1298, 46.9528



109.5380, 7.1298, -46.9528

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.



68.6130, 26.8128, -60.1736



80.4620, -7.1298, 46.9528



63.5170, 2.2101, -55.7044

Square

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



80.4620, -7.1298, 46.9528



76.6220, -26.9286, 3.8395



66.8230, 14.8773, -58.6038



79.8170, 27.6982, -17.3795

Rectangle

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



80.4620, -7.1298, 46.9528



79.4280, -25.8470, 30.3196



66.8230, 14.8773, -58.6038



68.1060, 32.4857, -59.7290

Sweetspot

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



80.4620, -7.1298, 46.9528



153.1270, -2.5276, 17.4286



85.2240, 24.0466, 34.0066



74.7240, -1.3429, 10.7661



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



80.4620, -7.1298, 46.9528



90.0030, -10.8475, 72.7884



96.3450, -19.8901, 33.0234



61.9080, -0.4476, 3.5887



40.8080, -11.7373, 78.2214



0.8970, -0.4422, 1.8443

Inverse Universe

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



80.4620, -7.1298, 46.9528



90.0030, -10.8475, 72.7884



93.6550, 19.8901, -33.0234



61.9080, -0.4476, 3.5887



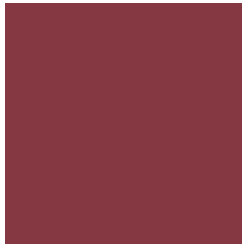
40.8080, -11.7373, 78.2214



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 80.4620, -7.1298, 46.9528 looks on a white background.

Color Contrast Check

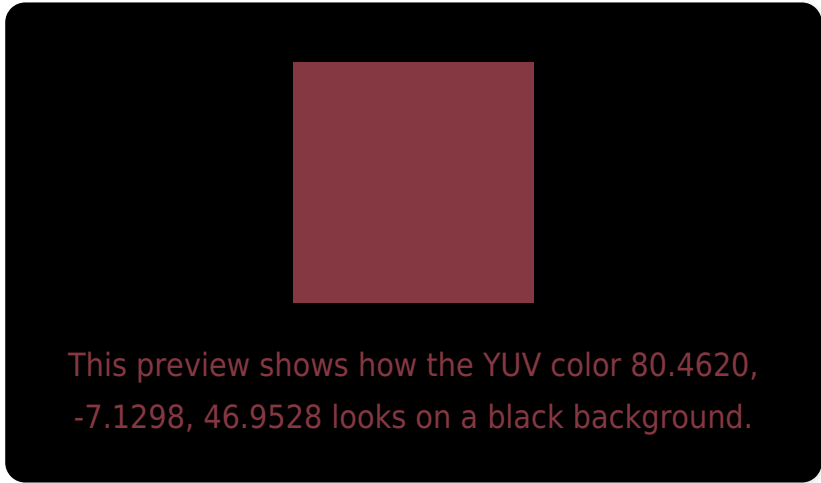
Large Text (above 18pt) WCAG AA ✓ Pass

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

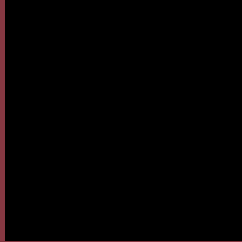
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.4620, -7.1298, 46.9528

Background



This preview shows how black text looks on a background with the YUV color 80.4620, -7.1298, 46.9528.



This preview shows how white text looks on a background with the YUV color 80.4620, -7.1298,

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

80.4620, -7.1298, 46.9528

Protanopia

82.2560, -1.6052, 1.5295

Deuteranopia

82.4440, -10.0789, 12.7656



Tritanopia

80.4790, -9.6031, 46.9379

Trichromacy



Original Color

80.4620, -7.1298, 46.9528

Protanomaly

81.7850, -3.8380, 17.7286

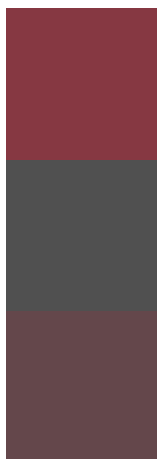
Deuteranomaly

81.7490, -9.2433, 24.7761

Tritanomaly

80.7070, -8.7296, 46.7380

Monochromacy



Original Color

80.4620, -7.1298, 46.9528

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.1270, -2.5276, 17.4286

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.4620, -7.1298, 46.9528 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(134, 56, 66)` looks like.

```
.text, #text, p{  
    color:rgb(134, 56, 66)  
}
```

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(134, 56, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 56, 66) }
```

Border

The CSS property to change the border of an element to YUV 80.4620, -7.1298, 46.9528 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(134, 56, 66) }
```


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

```
.border{ border-color:rgb(134, 56, 66) }
```

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

Here you see how a box with a 4 pixel rgb(134, 56, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 56, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 56, 66);  
box-shadow:4px 4px 4px 4px rgb(134, 56,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 80.4620, -7.1298, 46.9528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 56, 66) }
```

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

```
.background{ background-color: rgb(134, 56,  
66) }
```

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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