

Converting Colors

YUV(80.9800, -16.2591,
35.0975)

Have a look what the booklet for
YUV(80.9800, -16.2591, 35.0975)
contains.

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Color

**YUV(80.9800, -16.2591,
35.0975)**

Conversions

Conversions Part 1

Format	Color
Hex	794330
RGB	121, 67, 48
RGB Percent	47%, 26%, 19%
CMY	0.5255, 0.7373, 0.8118
CMYK	0.00, 0.45, 0.60, 0.53
HSL	16°, 43%, 33%
HSV	16°, 60%, 47%
XYZ	10.4258, 8.2927, 3.8474
YIQ	80.9800, 38.2830, 5.5390

Conversions

Conversions Part 2

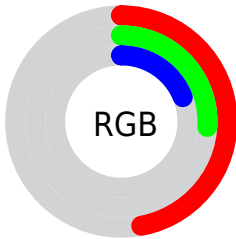
Format	Color
R_{YB}	121, 74, 48
Decimal	7947056
CIE _{Lab}	34.59, 21.31, 21.59
CIE _{LCh}	35, 30.331, 45.372
Yxy	8.2927, 0.4620, 0.3675
Android (android.graphics.Color)	4286137136 (0xFF794330)
YUV	80.9800, -16.2591, 35.0975
Hunter-Lab	28.7970, 14.2304, 12.2364

Details

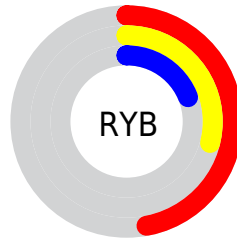
The YUV color **80.9800, -16.2591, 35.0975** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **88.0200, 16.2591, -35.0975**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.4320, -18.4540, 39.0861**, and **33.6590, -16.1009, 30.9941** is the 20% darker color. If you saturate the color by 10%, you get **74.3290, -18.8962, 40.9305**, and if you desaturate by 10%, it is **87.6310, -13.6221, 29.2646**.

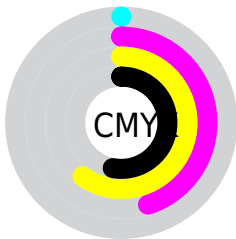
Distribution



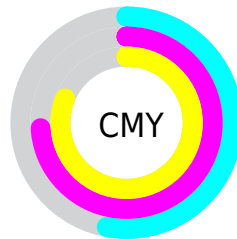
- Red (47%)
- Green (26%)
- Blue (19%)



- Red (47%)
- Yellow (29%)
- Blue (19%)



- Cyan (0%)
- Magenta (45%)
- Yellow (60%)
- Black (53%)





- Cyan (53%)
- Magenta (74%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YUV color 80.9800, -16.2591, 35.0975 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 80.9800, -16.2591, 35.0975 by changing the saturation by 10% instead.


 80.9800, -16.2591,
35.0975


 80.9800, -16.2591,
35.0975


255.0000, 0.0000,
0.0000


 57.0120, -14.7959,
32.4385

 131.4320,
-18.4540, 39.0861


 33.6590, -16.1009,
30.9941


 158.2150,
-19.3330, 41.0304

 13.1560, -6.4859,
27.0502

 185.1120,
-19.7752, 42.8748

 0.0000, 0.0000,
0.0000

 210.9050,
-19.1802, 38.6713

 230.4190,
-15.4896, 21.5575

 250.0470,

-11.3622, 4.3438

■ 80.9800, -16.2591,
35.0975

■ 80.9800, -16.2591,
35.0975

■ 74.3290, -18.8962,
40.9305

■ 87.6310, -13.6221,
29.2646

■ 67.6780, -21.5333,
46.7634

■ 94.2820, -10.9850,
23.4317

■ 61.0270, -24.1703,
52.5963

■ 100.9330, -8.3480,
17.5988

■ 54.3760, -26.8074,
58.4292

■ 107.5840, -5.7109,
11.7658

■ 114.2350, -3.0739,
5.9329

■ 121.0000, 0.0000,
0.0000

■ 127.6510, 2.6371,
-5.8329

■ 134.3020, 5.2741,
-11.6659

■ 140.9530, 7.9112,
-17.4988

Harmonies

Analogous

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



81.7600, -5.7977, 39.6755



80.9800, -16.2591, 35.0975



79.8830, -22.6203, 22.0276

Triad

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



80.9800, -16.2591, 35.0975



66.2300, 0.8726, -46.6827



80.3890, 23.4722, -15.2502

Complementary

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



80.9800, -16.2591, 35.0975



88.0200, 16.2591, -35.0975

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.



65.6610, 30.7331, -57.5847



80.9800, -16.2591, 35.0975



65.7800, 13.4195, -57.6891

Square

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



80.9800, -16.2591, 35.0975



74.8180, -14.2073, -16.5034



67.1140, 23.6078, -58.8590



83.8010, 15.3811, 13.3295

Rectangle

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



80.9800, -16.2591, 35.0975



78.2900, -23.3140, 11.1467



67.1140, 23.6078, -58.8590



76.8930, 25.6888, -26.2162

Sweetspot

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



80.9800, -16.2591, 35.0975



142.4810, -6.1531, 13.6102



76.0970, 13.2632, 39.3799



69.4310, -3.6635, 8.3920



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



80.9800, -16.2591, 35.0975



95.6960, -25.4861, 54.6406



102.1120, -26.6772, 16.5648



57.9680, -1.4632, 2.6591



56.7460, -27.9758, 59.8588



114.0900, -56.2464, 120.9471

Inverse Universe

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



88.0200, 16.2591, -35.0975



106.3040, 25.4861, -54.6406



66.8880, 26.6772, -16.5648



58.6190, 1.1738, -3.1739



68.2540, 27.9758, -59.8588



138.4970, 55.9570, -121.4619

Previews

White Background



This preview shows how the YUV color 80.9800, -16.2591, 35.0975 looks on a white background.

Color Contrast Check

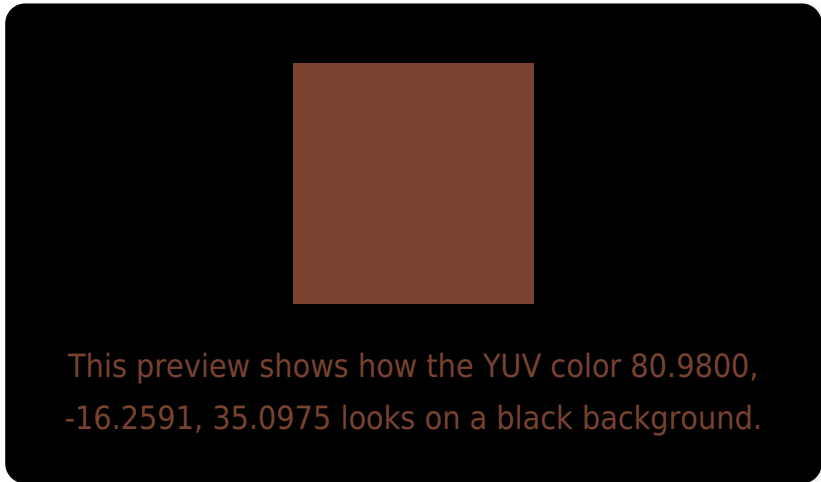
Large Text (above 18pt) WCAG AA ✓ Pass

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 80.9800, -16.2591, 35.0975

Background



This preview shows how black text looks on a background with the YUV color 80.9800, -16.2591, 35.0975.



This preview shows how white text looks on a background with the YUV color 80.9800, -16.2591,

35.0975.

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

80.9800, -16.2591, 35.0975

Protanopia

80.9010, -13.2622, 7.1028

Deuteranopia

80.9300, -17.2205, 16.7244



Tritanopia

81.9120, -6.3656, 35.1572

Trichromacy



Original Color

80.9800, -16.2591, 35.0975

Protanomaly

81.3260, -14.4577, 17.2541

Deuteranomaly

81.0880, -16.8054, 23.6018

Tritanomaly

81.5870, -10.1494, 35.4422

Monochromacy



Original Color

80.9800, -16.2591, 35.0975

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.1820, -6.0057, 12.9954

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.9800, -16.2591, 35.0975 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(121, 67, 48)` looks like.

```
.text, #text, p{  
    color:rgb(121, 67, 48)  
}
```

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(121, 67, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 67, 48) }
```

Border

The CSS property to change the border of an element to YUV 80.9800, -16.2591, 35.0975 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(121, 67, 48) }
```


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

```
.border{ border-color:rgb(121, 67, 48) }
```

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

Here you see how a box with a 4 pixel rgb(121, 67, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 67, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 67, 48);  
box-shadow:4px 4px 4px 4px rgb(121, 67,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 80.9800, -16.2591, 35.0975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 67, 48) }
```

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

```
.background{ background-color: rgb(121, 67,  
48) }
```

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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