

Converting Colors

YUV(80.8320, -8.2982, 48.3823)

Have a look what the booklet for
YUV(80.8320, -8.2982, 48.3823)
contains.

YUV(80.8320, -8.2982, 48.3823)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(80.8320, -8.2982,
48.3823)**

Conversions

Conversions Part 1

Format	Color
Hex	883840
RGB	136, 56, 64
RGB Percent	53%, 22%, 25%
CMY	0.4667, 0.7804, 0.7490
CMYK	0.00, 0.59, 0.53, 0.47
HSL	354°, 42%, 38%
HSV	354°, 59%, 53%
XYZ	12.4929, 8.4328, 5.8197
YIQ	80.8320, 45.1120, 19.4480

Conversions

Conversions Part 2

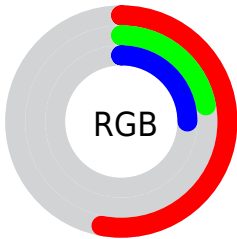
Format	Color
RYB	136, 56, 64
Decimal	8927296
CIELab	34.87, 34.96, 12.37
CIELCh	35, 37.084, 19.480
Yxy	8.4328, 0.4671, 0.3153
Android (android.graphics.Color)	4287117376 (0xFF883840)
YUV	80.8320, -8.2982, 48.3823
Hunter-Lab	29.0392, 25.9737, 8.4452

Details

The YUV color **80.8320, -8.2982, 48.3823** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **111.1680, 8.2982, -48.3823**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.6970, -10.2036, 52.8857**, and **28.4880, -3.1986, 46.0530** is the 20% darker color. If you saturate the color by 10%, you get **71.2460, -9.4883, 56.7893**, and if you desaturate by 10%, it is **90.4180, -7.1081, 39.9754**.

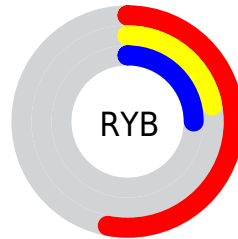
Distribution



Red (53%)

Green (22%)

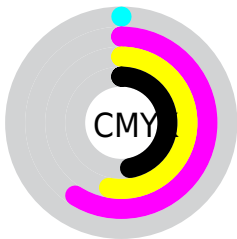
Blue (25%)



Red (53%)

Yellow (22%)

Blue (25%)

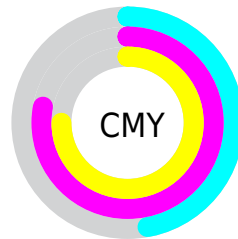


Cyan (0%)

Magenta (59%)

Yellow (53%)

Black (47%)



Cyan (47%)


Magenta (78%)


Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.8320, -8.2982, 48.3823 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 80.8320, -8.2982, 48.3823 by changing the saturation by 10% instead.


 80.8320, -8.2982,
48.3823

 80.8320, -8.2982,
48.3823


255.0000, 0.0000,
0.0000


 55.2770, -6.5456,
46.2381


 132.6970,
-10.2036, 52.8857


 28.4880, -3.1986,
46.0530

 159.4800,
-11.0826, 54.8300


 16.7440, -8.2548,
34.4275

 187.2630,
-11.9617, 56.7743

 7.8880, -3.3958,
15.8842

 207.0870, -8.4239,
42.0197

 0.0000, 0.0000,
0.0000

 227.3020, -4.5859,
24.2911

 246.9300, -0.4585,

7.0774

■ 80.8320, -8.2982,
48.3823

■ 80.8320, -8.2982,
48.3823

■ 71.2460, -9.4883,
56.7893

■ 90.4180, -7.1081,
39.9754

■ 62.2470, -10.9678,
64.6814

■ 99.4170, -5.6286,
32.0833

■ 52.5470, -12.5947,
73.1883

■ 109.1170, -4.0017,
23.5764

■ 43.5480, -14.0742,
81.0804

■ 118.1160, -2.5222,
15.6843

■ 42.2600, -13.9322,
82.2100

■ 127.7020, -1.3321,
7.2773

■ 137.2880, -0.1420,
-1.1296

■ 146.4010, 1.7743,
-9.1217

■ 155.9870, 2.9644,
-17.5286

■ 164.9860, 4.4439,
-25.4207

Harmonies

Analogous

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



82.7570, 5.5428, 42.3091



80.8320, -8.2982, 48.3823



80.4600, -20.9328, 40.8156

Triad

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



80.8320, -8.2982, 48.3823



72.5350, -15.0538, -25.0252



67.6160, 35.6853, -59.2992

Complementary

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



80.8320, -8.2982, 48.3823



111.1680, 8.2982, -48.3823

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.



69.5420, 27.8338, -60.9883



80.8320, -8.2982, 48.3823



64.3320, 2.7943, -56.4192

Square

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



80.8320, -8.2982, 48.3823



76.4970, -27.3600, 2.1951



67.8660, 16.3351, -59.5185



80.6540, 28.2716, -14.6056

Rectangle

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



80.8320, -8.2982, 48.3823



79.7870, -27.0100, 30.0048



67.8660, 16.3351, -59.5185



69.0350, 33.5067, -60.5437

Sweetspot

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



80.8320, -8.2982, 48.3823



153.9100, -3.4066, 19.3729



86.6480, 24.3305, 36.2657



75.9090, -1.9271, 11.4808



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



80.8320, -8.2982, 48.3823



89.8570, -12.7475, 75.5474



98.7040, -21.0531, 32.7086



64.2070, -0.5951, 4.2035



41.2490, -13.9268, 80.4656



1.6090, -0.3002, 2.9739

Inverse Universe

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



80.8320, -8.2982, 48.3823



89.8570, -12.7475, 75.5474



93.2960, 21.0531, -32.7086



64.2070, -0.5951, 4.2035



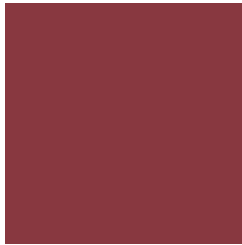
41.2490, -13.9268, 80.4656



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 80.8320, -8.2982, 48.3823 looks on a white background.

Color Contrast Check

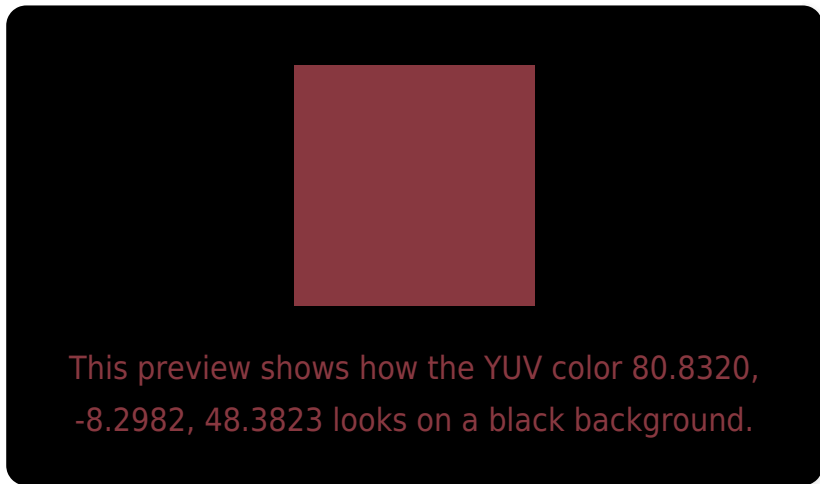
Large Text (above 18pt) WCAG AA ✓ Pass

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 80.8320, -8.2982, 48.3823

Background



This preview shows how black text looks on a background with the YUV color 80.8320, -8.2982, 48.3823.



This preview shows how white text looks on a background with the YUV color 80.8320, -8.2982,

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

80.8320, -8.2982, 48.3823

Protanopia

82.6260, -2.7736, 2.9590

Deuteranopia

82.5150, -11.0999, 13.5803



Tritanopia

80.9630, -10.3348, 48.2674

Trichromacy



Original Color

80.8320, -8.2982, 48.3823

Protanomaly

82.1550, -5.0064, 19.1581

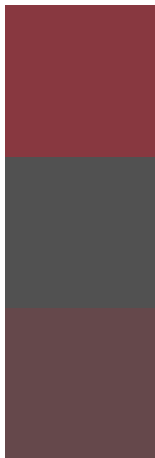
Deuteranomaly

82.1190, -10.4117, 26.2056

Tritanomaly

81.0770, -9.8980, 48.1675

Monochromacy



Original Color

80.8320, -8.2982, 48.3823

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.0130, -2.9644, 17.5286

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.8320, -8.2982, 48.3823 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(136, 56, 64)` looks like.

```
.text, #text, p{  
  color:rgb(136, 56, 64)  
}
```

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(136, 56, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 56, 64) }
```

Border

The CSS property to change the border of an element to YUV 80.8320, -8.2982, 48.3823 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(136, 56, 64) }
```


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

```
.border{ border-color:rgb(136, 56, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 56, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 56, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 56, 64);  
box-shadow:4px 4px 4px 4px rgb(136, 56,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 80.8320, -8.2982, 48.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 56, 64) }
```

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

```
.background{ background-color: rgb(136, 56,  
64) }
```

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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