

Converting Colors

YUV(87.6180, -20.5177,
47.6930)

Have a look what the booklet for
YUV(87.6180, -20.5177, 47.6930)
contains.

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Color

**YUV(87.6180, -20.5177,
47.6930)**

Conversions

Conversions Part 1

Format	Color
Hex	8E442E
RGB	142, 68, 46
RGB Percent	56%, 27%, 18%
CMY	0.4431, 0.7333, 0.8196
CMYK	0.00, 0.52, 0.68, 0.44
HSL	14°, 51%, 37%
HSV	14°, 68%, 56%
XYZ	13.7156, 10.0823, 3.8080
YIQ	87.6180, 51.1660, 8.8460

Conversions

Conversions Part 2

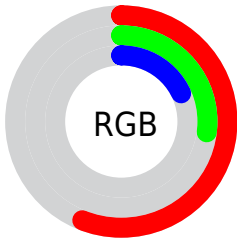
Format	Color
RYB	142, 75, 46
Decimal	9323566
CIELab	37.99, 29.54, 27.68
CIElCh	38, 40.486, 43.136
Yxy	10.0823, 0.4968, 0.3652
Android (android.graphics.Color)	4287513646 (0xFF8E442E)
YUV	87.6180, -20.5177, 47.6930
Hunter-Lab	31.7526, 21.5363, 15.1164

Details

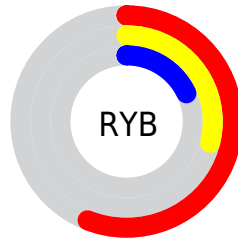
The YUV color **87.6180, -20.5177, 47.6930** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **100.3820, 20.5177, -47.6930**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.6680, -23.0073, 52.9112**, and **37.7530, -18.6122, 43.1896** is the 20% darker color. If you saturate the color by 10%, you get **79.5650, -23.4495, 54.7555**, and if you desaturate by 10%, it is **95.6710, -17.5858, 40.6305**.

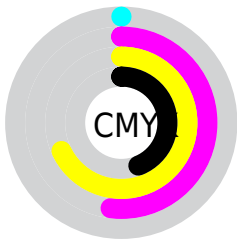
Distribution



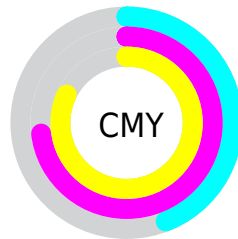
- Red (56%)
- Green (27%)
- Blue (18%)



- Red (56%)
- Yellow (29%)
- Blue (18%)



- Cyan (0%)
- Magenta (52%)
- Yellow (68%)
- Black (44%)



- Cyan (44%)
- Magenta (73%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.6180, -20.5177, 47.6930 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 87.6180, -20.5177, 47.6930 by changing the saturation by 10% instead.

87.6180, -20.5177,
47.6930

87.6180, -20.5177,
47.6930

255.0000, 0.0000,
0.0000

62.6500, -19.0544,
45.0340

139.6680,
-23.0073, 52.9112

37.7530, -18.6122,
43.1896

166.3370,
-24.3231, 54.9555

17.6410, -8.6970,
36.2718

192.9240,
-24.6125, 54.4407

10.5790, -4.7224,
21.4172

211.8510,
-20.6325, 37.8417

0.0000, 0.0000,
0.0000

231.9520,
-17.2313, 20.2131

251.5800,

-13.1039, 2.9993

254.8860, -0.4368,
0.1000

■ 87.6180, -20.5177,
47.6930

■ 87.6180, -20.5177,
47.6930

■ 79.5650, -23.4495,
54.7555

■ 95.6710, -17.5858,
40.6305

■ 71.5120, -26.3814,
61.8180

■ 103.7240,
-14.6539, 33.5681

■ 63.3450, -29.7501,
68.9804

■ 111.8910,
-11.2853, 26.4056

■ 61.8290, -30.4817,
70.3100

■ 119.9440, -8.3534,
19.3431

■ 127.9970, -5.4215,
12.2806

■ 136.0500, -2.4897,
5.2181

■ 144.1030, 0.4422,
-1.8443

■ 152.2700, 3.8109,
-9.0068

■ 160.3230, 6.7428,
-16.0693

Harmonies

Analogous

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



87.8480, -5.8411, 53.6303



87.6180, -20.5177, 47.6930



86.6470, -31.3780, 31.0046

Triad

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



87.6180, -20.5177, 47.6930



68.9140, 0.0424, -60.4376



84.9450, 33.5511, -28.0158

Complementary

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



87.6180, -20.5177, 47.6930



100.3820, 20.5177, -47.6930

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.



74.8540, 38.0330, -65.6470



87.6180, -20.5177, 47.6930



73.3770, 14.6041, -64.3516

Square

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



87.6180, -20.5177, 47.6930



79.8900, -20.1588, -20.9515



76.2100, 27.9975, -66.8362



92.6470, 22.3590, 15.2186

Rectangle

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



87.6180, -20.5177, 47.6930



84.9780, -33.5132, 15.8053



76.2100, 27.9975, -66.8362



74.6640, 39.6056, -56.7103

Sweetspot

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



87.6180, -20.5177, 47.6930



162.7590, -7.7692, 18.6284



83.2540, 18.6088, 51.5202



79.5130, -4.6899, 10.9511



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



87.6180, -20.5177, 47.6930



99.5090, -31.8029, 74.0986



115.2070, -34.1191, 23.4975



67.2670, -1.6106, 3.2738



58.5620, -28.8711, 67.0361



3.5660, -1.7580, 3.8886

Inverse Universe

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



100.3820, 20.5177, -47.6930



119.4910, 31.8029, -74.0986



72.7930, 34.1191, -23.4975



68.3200, 1.3212, -3.7886



76.4380, 28.8711, -67.0361



4.4340, 1.7580, -3.8886

Previews

White Background



This preview shows how the YUV color 87.6180, -20.5177, 47.6930 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 × Fail

Black Background



This preview shows how the YUV color 87.6180, -20.5177, 47.6930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

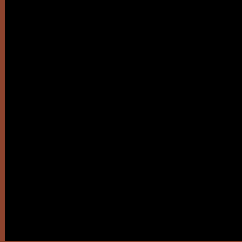
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.6180, -20.5177, 47.6930

Background



This preview shows how black text looks on a background with the YUV color 87.6180, -20.5177, 47.6930.



This preview shows how white text looks on a background with the YUV color 87.6180, -20.5177,

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

87.6180, -20.5177, 47.6930

Protanopia

88.5870, -17.0514, 9.1322

Deuteranopia

88.4590, -22.9043, 19.7685



Tritanopia

88.7780, -9.7506, 47.5527

Trichromacy



Original Color

87.6180, -20.5177, 47.6930

Protanomaly

88.3330, -18.4052, 23.3870

Deuteranomaly

87.7530, -22.0632, 30.0346

Tritanomaly

88.4530, -13.5343, 47.8377

Monochromacy



Original Color

87.6180, -20.5177, 47.6930

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.1610, -7.4744, 17.3988

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.6180, -20.5177, 47.6930 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(142, 68, 46)` looks like.

```
.text, #text, p{  
    color:rgb(142, 68, 46)  
}
```

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(142, 68, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 68, 46) }
```

Border

The CSS property to change the border of an element to YUV 87.6180, -20.5177, 47.6930 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(142, 68, 46) }
```


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

```
.border{ border-color:rgb(142, 68, 46) }
```

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

Here you see how a box with a 4 pixel rgb(142, 68, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 68, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 68, 46);  
box-shadow:4px 4px 4px 4px rgb(142, 68,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 87.6180, -20.5177, 47.6930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 68, 46) }
```

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

```
.background{ background-color: rgb(142, 68,  
46) }
```

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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