

Converting Colors

YUV(80.4930, -14.0470,
72.3586)

Have a look what the booklet for
YUV(80.4930, -14.0470, 72.3586)
contains.

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Color

**YUV(80.4930, -14.0470,
72.3586)**

Conversions

Conversions Part 1

Format	Color
Hex	A32C34
RGB	163, 44, 52
RGB Percent	64%, 17%, 20%
CMY	0.3608, 0.8275, 0.7961
CMYK	0.00, 0.73, 0.68, 0.36
HSL	356°, 57%, 41%
HSV	356°, 73%, 64%
XYZ	16.6248, 9.8358, 4.2711
YIQ	80.4930, 68.3560, 27.7160

Conversions

Conversions Part 2

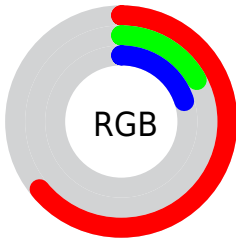
Format	Color
RYB	163, 44, 52
Decimal	10693684
CIELab	37.55, 48.82, 24.37
CIElCh	38, 54.565, 26.522
Yxy	9.8358, 0.5410, 0.3201
Android (android.graphics.Color)	4288883764 (0xFFA32C34)
YUV	80.4930, -14.0470, 72.3586
Hunter-Lab	31.3621, 39.7375, 13.8790

Details

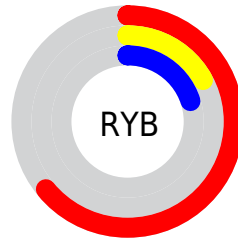
The YUV color **80.4930, -14.0470, 72.3586** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **126.5070, 14.0470, -72.3586**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.6740, -18.5733, 77.4619**, and **32.0080, -11.8359, 63.1370** is the 20% darker color. If you saturate the color by 10%, you get **69.3910, -15.9688, 82.0951**, and if you desaturate by 10%, it is **91.5950, -12.1253, 62.6222**.

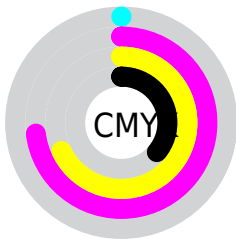
Distribution



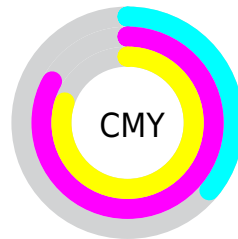
- Red (64%)
- Green (17%)
- Blue (20%)



- Red (64%)
- Yellow (17%)
- Blue (20%)



- Cyan (0%)
- Magenta (73%)
- Yellow (68%)
- Black (36%)





- Cyan (36%)
- Magenta (83%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 80.4930, -14.0470, 72.3586 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 80.4930, -14.0470, 72.3586 by changing the saturation by 10% instead.


 80.4930, -14.0470,
72.3586


 80.4930, -14.0470,
72.3586


255.0000, 0.0000,
0.0000


 47.9970, -8.3795,
74.5476


 135.6740,
-18.5733, 77.4619


 32.0080, -11.8359,
63.1370

 163.3430,
-19.8891, 79.5062

 22.4250, -11.0555,
46.1083

 183.0420,
-16.7827, 63.1072

 14.8790, -6.3493,
29.9241

 202.5560,
-13.0921, 45.9934

 0.0000, 0.0000,
0.0000

 222.0700, -9.4015,
28.8796

 242.2850, -5.5635,

11.1511

■ 80.4930, -14.0470,
72.3586

■ 80.4930, -14.0470,
72.3586

■ 69.3910, -15.9688,
82.0951

■ 91.5950, -12.1253,
62.6222

■ 57.7020, -17.6011,
92.3463

■ 103.2840,
-10.4930, 52.3709

■ 49.9910, -19.2226,
99.1089

■ 114.5000, -8.1345,
42.5345

■ 125.6020, -6.2128,
32.7980

■ 137.2910, -4.5805,
22.5468

■ 148.3930, -2.6587,
12.8103

■ 159.4950, -0.7370,
3.0739

■ 170.7110, 1.6215,
-6.7625

■ 182.4000, 3.2538,
-17.0138

Harmonies

Analogous

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



80.9870, 6.9084, 71.0484



80.4930, -14.0470, 72.3586



82.5960, -37.2688, 53.8513

Triad

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



80.4930, -14.0470, 72.3586



65.1520, -14.3719, -57.1383



75.9430, 49.8211, -66.6020

Complementary

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



80.4930, -14.0470, 72.3586



126.5070, 14.0470, -72.3586

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.



79.5160, 40.6646, -69.7355



80.4930, -14.0470, 72.3586



72.1570, 4.8526, -63.2817

Square

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



80.4930, -14.0470, 72.3586



77.5700, -38.2420, -7.5159



77.8740, 24.2191, -68.2955



87.3520, 39.7595, -12.5867

Rectangle

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



80.4930, -14.0470, 72.3586



83.4490, -41.1404, 35.5632



77.8740, 24.2191, -68.2955



78.0630, 47.7899, -68.4613

Sweetspot

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



80.4930, -14.0470, 72.3586



179.3950, -5.6177, 28.5946



90.1570, 35.9116, 55.1133



87.6000, -3.2538, 17.0138



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



80.4930, -14.0470, 72.3586



82.3950, -21.8867, 113.6636



108.9310, -32.0110, 47.4185



75.8050, -0.8899, 5.4330



44.4950, -17.0060, 88.1429



5.4960, -2.2165, 10.9660

Inverse Universe

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



80.4930, -14.0470, 72.3586



82.3950, -21.8867, 113.6636



98.0690, 32.0110, -47.4185



75.8050, -0.8899, 5.4330



44.4950, -17.0060, 88.1429



5.4960, -2.2165, 10.9660

Previews

White Background



This preview shows how the YUV color 80.4930, -14.0470, 72.3586 looks on a white background.

Color Contrast Check

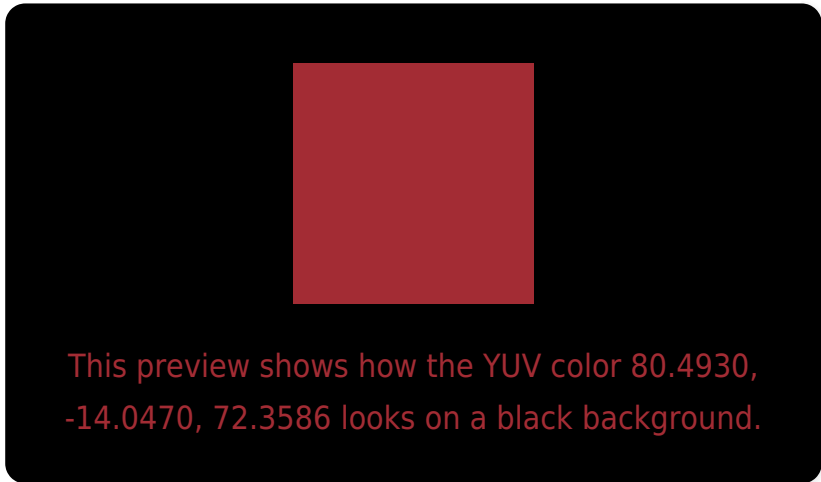
Large Text (above 18pt) WCAG AA ✓ Pass

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

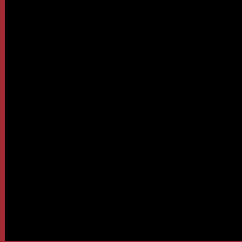
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.4930, -14.0470, 72.3586

Background



This preview shows how black text looks on a background with the YUV color 80.4930, -14.0470, 72.3586.



This preview shows how white text looks on a background with the YUV color 80.4930, -14.0470,

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

80.4930, -14.0470, 72.3586

Protanopia

88.5140, -9.6204, 5.6882

Deuteranopia

87.9150, -21.1571, 19.3685



Tritanopia

80.5100, -16.5204, 72.3437

Trichromacy



Original Color

80.4930, -14.0470, 72.3586

Protanomaly

85.9130, -11.2961, 29.8943

Deuteranomaly

85.1330, -18.3066, 38.4714

Tritanomaly

80.7380, -15.6468, 72.1438

Monochromacy



Original Color

80.4930, -14.0470, 72.3586

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.1990, -5.0281, 26.1355

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.4930, -14.0470, 72.3586 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(163, 44, 52)` looks like.

```
.text, #text, p{  
    color:rgb(163, 44, 52)  
}
```

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(163, 44, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 44, 52) }
```

Border

The CSS property to change the border of an element to YUV 80.4930, -14.0470, 72.3586 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(163, 44, 52) }
```


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

```
.border{ border-color:rgb(163, 44, 52) }
```

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

Here you see how a box with a 4 pixel rgb(163, 44, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 44, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 44, 52);  
box-shadow:4px 4px 4px 4px rgb(163, 44,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 80.4930, -14.0470, 72.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 44, 52) }
```

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

```
.background{ background-color: rgb(163, 44,  
52) }
```

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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