

Converting Colors

YUV(76.4680, -19.4577,
81.1506)

Have a look what the booklet for
YUV(76.4680, -19.4577, 81.1506)
contains.

YUV(76.4680, -19.4577, 81.1506)	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(76.4680, -19.4577,
81.1506)**

Conversions

Conversions Part 1

Format	Color
Hex	A92525
RGB	169, 37, 37
RGB Percent	66%, 15%, 15%
CMY	0.3373, 0.8549, 0.8549
CMYK	0.00, 0.78, 0.78, 0.34
HSL	0°, 64%, 40%
HSV	0°, 78%, 66%
XYZ	17.3577, 9.8917, 2.7447
YIQ	76.4680, 78.6720, 27.9840

Conversions

Conversions Part 2

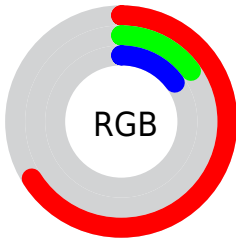
Format	Color
RYB	169, 37, 37
Decimal	11085093
CIELab	37.65, 52.44, 33.85
CIElCh	38, 62.415, 32.847
Yxy	9.8917, 0.5787, 0.3298
Android (android.graphics.Color)	4289275173 (0xFFA92525)
YUV	76.4680, -19.4577, 81.1506
Hunter-Lab	31.4511, 43.4737, 16.8416

Details

The YUV color **76.4680, -19.4577, 81.1506** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **129.5320, 19.4577, -81.1506**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.5950, -25.4363, 85.4242**, and **32.5910, -16.0674, 67.0107** is the 20% darker color. If you saturate the color by 10%, you get **64.5510, -21.9636, 91.6018**, and if you desaturate by 10%, it is **88.3850, -16.9518, 70.6994**.

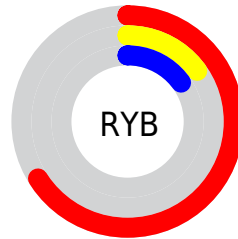
Distribution



Red (66%)

Green (15%)

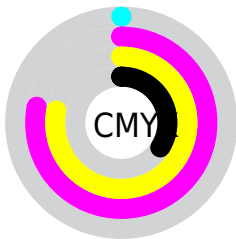
Blue (15%)



Red (66%)

Yellow (15%)

Blue (15%)

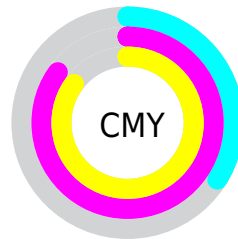


Cyan (0%)

Magenta (78%)

Yellow (78%)

Black (34%)



Cyan (34%)


Magenta (85%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 76.4680, -19.4577, 81.1506 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 76.4680, -19.4577, 81.1506 by changing the saturation by 10% instead.


 76.4680, -19.4577,
81.1506

 76.4680, -19.4577,
81.1506


255.0000, 0.0000,
0.0000

 43.3850, -13.5008,
83.8544


 133.5950,
-25.4363, 85.4242


 32.5910, -16.0674,
67.0107

 159.4700,
-25.8677, 83.7798

 23.6210, -11.6452,
48.5674

 178.7560,
-23.0507, 66.8660

 15.7760, -6.7916,
31.7684

 198.2700,
-19.3601, 49.7522

 0.0000, 0.0000,
0.0000

 217.7840,
-15.6695, 32.6384

 237.8850,

-12.2683, 15.0099

253.5180, -5.6784,
1.2997

76.4680, -19.4577,
81.1506

76.4680, -19.4577,
81.1506

64.5510, -21.9636,
91.6018

88.3850, -16.9518,
70.6994

52.6340, -24.4696,
102.0530

100.3020,
-14.4459, 60.2481

50.5310, -24.9118,
103.8973

112.2190,
-11.9400, 49.7969

124.1360, -9.4340,
39.3457

136.0530, -6.9281,
28.8945

■ 147.2690, -4.5696,
19.0581

■ 159.1860, -2.0637,
8.6069

■ 171.1030, 0.4422,
-1.8443

■ 183.0200, 2.9481,
-12.2955

Harmonies

Analogous

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



67.7000, 9.0219, 93.2251



76.4680, -19.4577, 81.1506



82.0860, -40.4684, 53.4216

Triad

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



76.4680, -19.4577, 81.1506



67.2550, -13.9297, -58.9826



76.9520, 56.2257, -67.4869

Complementary

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



76.4680, -19.4577, 81.1506



129.5320, 19.4577, -81.1506

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.



82.0410, 47.8008, -71.9500



76.4680, -19.4577, 81.1506



75.0580, 8.3524, -65.8259

Square

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



76.4680, -19.4577, 81.1506



74.5360, -36.7462, -20.6411



80.7580, 30.1923, -70.8248



88.7110, 42.0475, 0.2535

Rectangle

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



76.4680, -19.4577, 81.1506



83.7150, -41.2715, 30.9449



80.7580, 30.1923, -70.8248



79.7730, 54.3419, -69.9609

Sweetspot

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



76.4680, -19.4577, 81.1506



183.9500, -7.3703, 30.7389



91.5160, 38.1996, 67.9535



88.2690, -4.5696, 19.0581



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



76.4680, -19.4577, 81.1506



74.5940, -30.3658, 126.6441



115.2100, -38.5575, 47.1738



78.3920, -1.1793, 4.9182



44.2520, -21.8162, 90.9870



5.9800, -2.9481, 12.2955

Inverse Universe

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



129.5320, 19.4577, -81.1506



157.4060, 30.3658, -126.6441



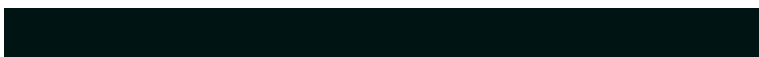
90.7900, 38.5575, -47.1738



81.6080, 1.1793, -4.9182



103.7480, 21.8162, -90.9870



14.0200, 2.9481, -12.2955

Previews

White Background



This preview shows how the YUV color 76.4680, -19.4577, 81.1506 looks on a white background.

Color Contrast Check

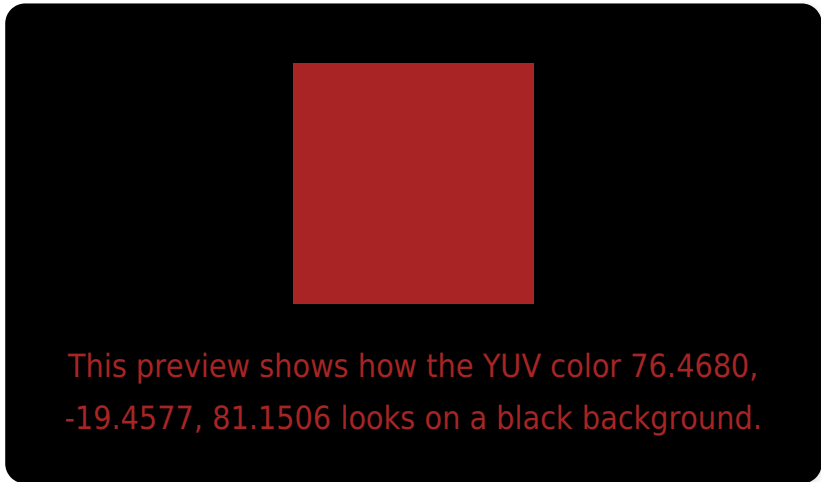
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.4680, -19.4577, 81.1506

Background



This preview shows how black text looks on a background with the YUV color 76.4680, -19.4577, 81.1506.



This preview shows how white text looks on a background with the YUV color 76.4680, -19.4577,

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

76.4680, -19.4577, 81.1506

Protanopia

88.3590, -17.9250, 9.3322

Deuteranopia

86.7600, -29.4617, 23.0125



Tritanopia

76.4680, -19.4577, 81.1506

Trichromacy



Original Color

76.4680, -19.4577, 81.1506

Protanomaly

84.1110, -18.2957, 34.9827

Deuteranomaly

83.2170, -25.7430, 43.6597

Tritanomaly

76.4680, -19.4577, 81.1506

Monochromacy



Original Color

76.4680, -19.4577, 81.1506

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.3520, -7.0755, 29.5093

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.4680, -19.4577, 81.1506 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(169, 37, 37)` looks like.

```
.text, #text, p{  
    color:rgb(169, 37, 37)  
}
```

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(169, 37, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 37, 37) }
```

Border

The CSS property to change the border of an element to YUV 76.4680, -19.4577, 81.1506 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(169, 37, 37) }
```


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

```
.border{ border-color:rgb(169, 37, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 37, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 37, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 37, 37);  
box-shadow:4px 4px 4px 4px rgb(169, 37,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 76.4680, -19.4577, 81.1506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 37, 37) }
```

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

```
.background{ background-color: rgb(169, 37,  
37) }
```

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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