

Converting Colors

YUV(73.4680, -19.4577,
81.1506)

Have a look what the booklet for
YUV(73.4680, -19.4577, 81.1506)
contains.

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Color

**YUV(73.4680, -19.4577,
81.1506)**

Conversions

Conversions Part 1

Format	Color
Hex	A62222
RGB	166, 34, 34
RGB Percent	65%, 13%, 13%
CMY	0.3490, 0.8667, 0.8667
CMYK	0.00, 0.80, 0.80, 0.35
HSL	0°, 66%, 39%
HSV	0°, 80%, 65%
XYZ	16.5866, 9.3665, 2.4471
YIQ	73.4680, 78.6720, 27.9840

Conversions

Conversions Part 2

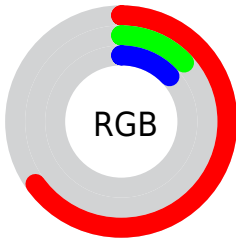
Format	Color
R_{YB}	166, 34, 34
Decimal	10887714
CIE _{Lab}	36.68, 52.34, 34.39
CIE _{LCh}	37, 62.625, 33.306
Yxy	9.3665, 0.5840, 0.3298
Android (android.graphics.Color)	4289077794 (0xFFA62222)
YUV	73.4680, -19.4577, 81.1506
Hunter-Lab	30.6048, 43.1818, 16.6827

Details

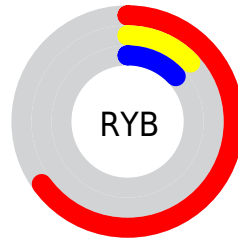
The YUV color **73.4680, -19.4577, 81.1506** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **126.5320, 19.4577, -81.1506**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.5950, -25.4363, 85.4242**, and **31.6940, -15.6251, 65.1664** is the 20% darker color. If you saturate the color by 10%, you get **61.5510, -21.9636, 91.6018**, and if you desaturate by 10%, it is **85.3850, -16.9518, 70.6994**.

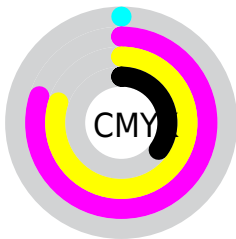
Distribution



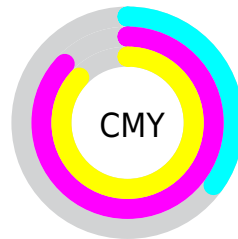
- Red (65%)
- Green (13%)
- Blue (13%)



- Red (65%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (35%)



- Cyan (35%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.4680, -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 73.4680, -19.4577, 81.1506 by changing the saturation by 10% instead.

■ 73.4680, -19.4577,
81.1506

■ 73.4680, -19.4577,
81.1506

255.0000, 0.0000,
0.0000

■ 42.1460, -14.3690,
82.3100

■ 130.5950,
-25.4363, 85.4242

■ 31.6940, -15.6251,
65.1664

■ 157.9540,
-26.5993, 85.1093

■ 22.7240, -11.2029,
46.7231

■ 176.6530,
-23.4929, 68.7103

■ 14.8790, -6.3493,
29.9241

■ 196.0530,
-20.2391, 51.6965

■ 0.0000, 0.0000,
0.0000

■ 216.1540,
-16.8379, 34.0679

■ 236.3690,

-12.9999, 16.3394

253.0620, -7.4256,
1.6996

73.4680, -19.4577,
81.1506

73.4680, -19.4577,
81.1506

61.5510, -21.9636,
91.6018

85.3850, -16.9518,
70.6994

50.3350, -24.3222,
101.4382

96.6010, -14.5933,
60.8629

49.6340, -24.4696,
102.0530

108.5180,
-12.0874, 50.4117

119.7340, -9.7289,
40.5753

131.6510, -7.2229,
30.1241

■ 143.5680, -4.7170,
19.6729

■ 154.7840, -2.3585,
9.8364

■ 166.7010, 0.1474,
-0.6148

■ 177.9170, 2.5059,
-10.4512

Harmonies

Analogous

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



61.7650, 10.4689, 95.7991



73.4680, -19.4577, 81.1506



80.0150, -39.4474, 52.6068

Triad

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



73.4680, -19.4577, 81.1506



65.8530, -14.2245, -57.7531



74.8490, 55.7834, -65.6426

Complementary

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



73.4680, -19.4577, 81.1506



126.5320, 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.



80.6390, 47.5060, -70.7204



73.4680, -19.4577, 81.1506



73.1830, 8.7838, -64.1815

Square

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



73.4680, -19.4577, 81.1506



71.5790, -35.2884, -21.5558



78.8830, 30.6237, -69.1804



87.0100, 41.9001, 0.8682

Rectangle

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



73.4680, -19.4577, 81.1506



81.3450, -40.1031, 29.5154



78.8830, 30.6237, -69.1804



77.7840, 54.3365, -68.2166

Sweetspot

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



73.4680, -19.4577, 81.1506



180.5480, -7.6652, 31.9684



88.5160, 38.1996, 67.9535



87.5680, -4.7170, 19.6729



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.



73.4680, -19.4577, 81.1506



72.5940, -30.3658, 126.6441



112.2100, -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.



126.5320, 19.4577, -81.1506



155.4060, 30.3658, -126.6441



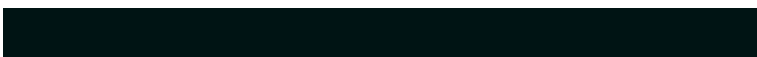
87.7900, 38.5575, -47.1738



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 73.4680, -19.4577, 81.1506 looks on a white background.

Color Contrast Check

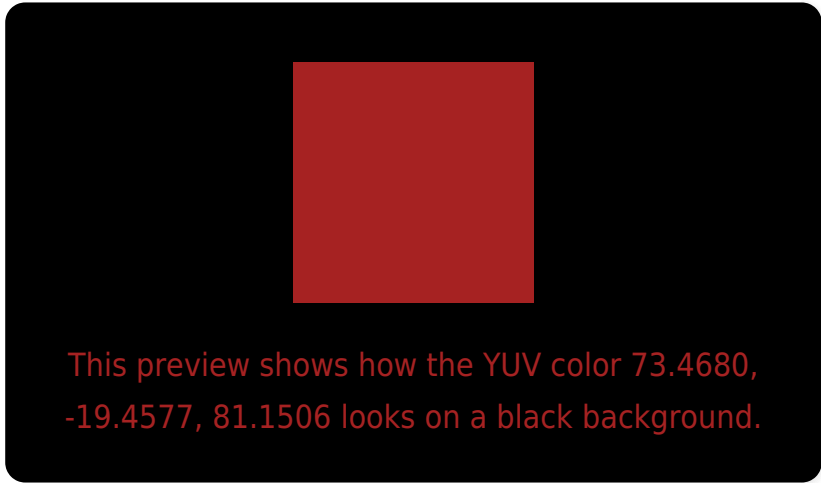
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.4680, -19.4577, 81.1506

Background



This preview shows how black text looks on a background with the YUV color 73.4680, -19.4577, 81.1506.



This preview shows how white text looks on a background with the YUV color 73.4680, -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

73.4680, -19.4577, 81.1506

Protanopia

85.9460, -18.2144, 8.8174

Deuteranopia

84.2330, -30.1879, 22.5977



Tritanopia

73.4680, -19.4577, 81.1506

Trichromacy



Original Color

73.4680, -19.4577, 81.1506

Protanomaly

81.1110, -18.2957, 34.9827

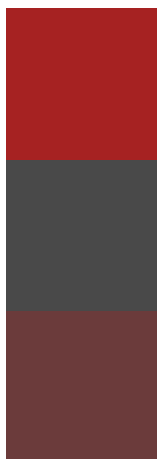
Deuteranomaly

80.1030, -26.1798, 43.7597

Tritanomaly

73.4680, -19.4577, 81.1506

Monochromacy



Original Color

73.4680, -19.4577, 81.1506

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.3520, -7.0755, 29.5093

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.4680, -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(166, 34, 34)` looks like.

```
.text, #text, p{  
  color:rgb(166, 34, 34)  
}
```

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(166, 34, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 34, 34) }
```

Border

The CSS property to change the border of an element to YUV 73.4680, -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(166, 34, 34) }
```


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

```
.border{ border-color:rgb(166, 34, 34) }
```

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

Here you see how a box with a 4 pixel rgb(166, 34, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 34, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 34, 34);  
box-shadow:4px 4px 4px 4px rgb(166, 34,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 73.4680, -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(166, 34, 34) }
```

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

```
.background{ background-color: rgb(166, 34,  
34) }
```

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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