

Converting Colors

YUV(81.2270, -34.1289,
73.4689)

Have a look what the booklet for
YUV(81.2270, -34.1289, 73.4689)
contains.

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Color

**YUV(81.2270, -34.1289,
73.4689)**

Conversions

Conversions Part 1

Format	Color
Hex	A5340C
RGB	165, 52, 12
RGB Percent	65%, 20%, 5%
CMY	0.3529, 0.7961, 0.9529
CMYK	0.00, 0.68, 0.93, 0.35
HSL	16°, 86%, 35%
HSV	16°, 93%, 65%
XYZ	16.8114, 10.4819, 1.4850
YIQ	81.2270, 80.1880, 11.5160

Conversions

Conversions Part 2

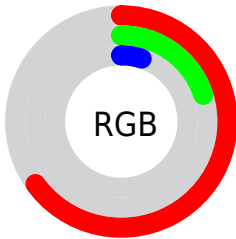
Format	Color
RYB	165, 66, 12
Decimal	10826764
CIELab	38.69, 44.92, 46.52
CIELCh	39, 64.664, 46.001
Yxy	10.4819, 0.5842, 0.3642
Android (android.graphics.Color)	4289016844 (0xFFA5340C)
YUV	81.2270, -34.1289, 73.4689
Hunter-Lab	32.3757, 36.0304, 19.9436

Details

The YUV color **81.2270, -34.1289, 73.4689** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **95.7730, 34.1289, -73.4689**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4620, -37.2028, 79.4018**, and **31.3950, -15.4777, 64.5516** is the 20% darker color. If you saturate the color by 10%, you get **74.5760, -36.7660, 79.3018**, and if you desaturate by 10%, it is **90.0950, -30.6128, 65.6917**.

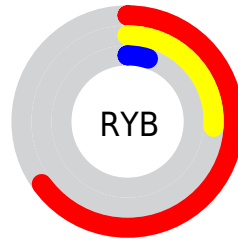
Distribution



Red (65%)

Green (20%)

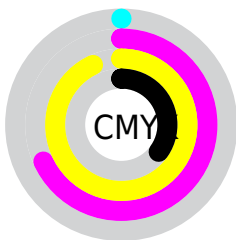
Blue (5%)



Red (65%)

Yellow (26%)

Blue (5%)

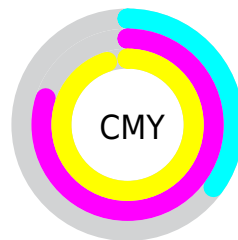


Cyan (0%)

Magenta (68%)

Yellow (93%)

Black (35%)



Cyan (35%)


Magenta (80%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 81.2270, -34.1289, 73.4689 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 81.2270, -34.1289, 73.4689 by changing the saturation by 10% instead.


 81.2270, -34.1289,
73.4689


 81.2270, -34.1289,
73.4689


 254.0880, -3.4944,
0.7998


 53.8660, -26.5559,
71.1545


 136.4620,
-37.2028, 79.4018


 31.3950, -15.4777,
64.5516

 162.8320,
-38.3712, 80.8313


 22.4250, -11.0555,
46.1083

 181.5310,
-35.2648, 64.4323

 14.8790, -6.3493,
29.9241

 200.9310,
-32.0110, 47.4185

 0.0000, 0.0000,
0.0000

 221.0320,
-28.6098, 29.7899

 241.2470,

-24.7718, 12.0614

■ 250.8960,
-15.7247, 3.5992

■ 81.2270, -34.1289,
73.4689

■ 81.2270, -34.1289,
73.4689

■ 74.5760, -36.7660,
79.3018

■ 90.0950, -30.6128,
65.6917

■ 99.0770, -26.6600,
57.8145

■ 108.5320,
-23.4333, 49.5224

■ 117.5140,
-19.4804, 41.6452

■ 126.3820,
-15.9643, 33.8680

■ 135.3640,
-12.0115, 25.9908

■ 144.2320, -8.4954,
18.2135

■ 153.2140, -4.5425,
10.3363

■ 162.6690, -1.3158,
2.0443

Harmonies

Analogous

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



69.8610, -1.9035, 97.4689



81.2270, -34.1289, 73.4689



86.4280, -42.6090, 39.9666

Triad

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



81.2270, -34.1289, 73.4689



73.0400, -4.4567, -64.0561



73.7720, 59.2724, -64.6980

Complementary

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



81.2270, -34.1289, 73.4689



95.7730, 34.1289, -73.4689

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.



83.7510, 54.3528, -73.4496



81.2270, -34.1289, 73.4689



79.8970, 19.2778, -70.0697

Square

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



81.2270, -34.1289, 73.4689



62.8090, -30.9648, -55.0835



84.6680, 40.0967, -74.2538



92.2910, 35.8455, 29.5628

Rectangle

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



81.2270, -34.1289, 73.4689



84.5020, -41.6595, 15.3457



84.6680, 40.0967, -74.2538



78.2230, 58.5571, -68.6016

Sweetspot

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



81.2270, -34.1289, 73.4689



181.3320, -13.4747, 28.6498



70.8570, 27.6785, 82.5634



87.0470, -7.9112, 17.4988



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.



81.2270, -34.1289, 73.4689



96.8580, -47.7510, 102.7335



125.2520, -55.8332, 34.8590



77.4520, -2.1948, 3.9886



65.6610, -32.3709, 69.5803



8.3170, -4.1003, 8.4920

Inverse Universe

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



95.7730, 34.1289, -73.4689



117.1420, 47.7510, -102.7335



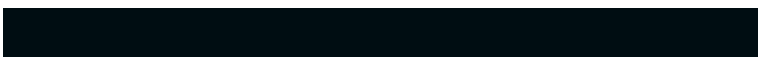
51.7480, 55.8332, -34.8590



77.5480, 2.1948, -3.9886



79.3390, 32.3709, -69.5803



9.6830, 4.1003, -8.4920

Previews

White Background



This preview shows how the YUV color 81.2270, -34.1289, 73.4689 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 81.2270, -34.1289, 73.4689 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 81.2270, -34.1289, 73.4689

Background



This preview shows how black text looks on a background with the YUV color 81.2270, -34.1289, 73.4689.



This preview shows how white text looks on a background with the YUV color 81.2270, -34.1289,

73.4689.

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

81.2270, -34.1289, 73.4689

Protanopia

87.7220, -31.9079, 14.2758

Deuteranopia

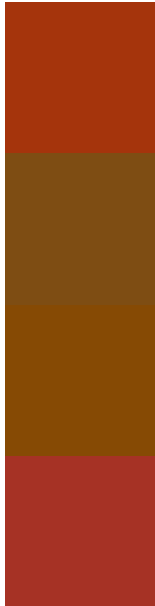
85.7530, -42.2762, 26.5266



Tritanopia

84.2110, -16.3730, 71.7290

Trichromacy



Original Color

81.2270, -34.1289, 73.4689

Protanomaly

85.0390, -32.5572, 35.9228

Deuteranomaly

83.9600, -39.4203, 43.8851

Tritanomaly

83.2020, -22.7776, 72.6138

Monochromacy



Original Color

81.2270, -34.1289, 73.4689

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9620, -12.3063, 27.2203

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.2270, -34.1289, 73.4689 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(165, 52, 12)` looks like.

```
.text, #text, p{  
    color:rgb(165, 52, 12)  
}
```

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(165, 52, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 52, 12) }
```

Border

The CSS property to change the border of an element to YUV 81.2270, -34.1289, 73.4689 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(165, 52, 12) }
```


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

```
.border{ border-color:rgb(165, 52, 12) }
```

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

Here you see how a box with a 4 pixel rgb(165, 52, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 52, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 52, 12);  
box-shadow:4px 4px 4px 4px rgb(165, 52,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 81.2270, -34.1289, 73.4689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 52, 12) }
```

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

```
.background{ background-color: rgb(165, 52,  
12) }
```

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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