

Converting Colors

YUV(80.0100, -35.0079,
75.4132)

Have a look what the booklet for
YUV(80.0100, -35.0079, 75.4132)
contains.

YUV(80.0100, -35.0079, 75.4132)	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(80.0100, -35.0079,
75.4132)**

Conversions

Conversions Part 1

Format	Color
Hex	A63209
RGB	166, 50, 9
RGB Percent	65%, 20%, 4%
CMY	0.3490, 0.8039, 0.9647
CMYK	0.00, 0.70, 0.95, 0.35
HSL	16°, 90%, 34%
HSV	16°, 95%, 65%
XYZ	16.9158, 10.4079, 1.3758
YIQ	80.0100, 82.2970, 11.8410

Conversions

Conversions Part 2

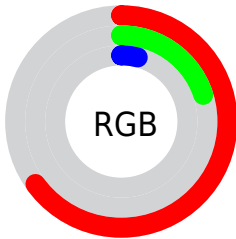
Format	Color
RYB	166, 64, 9
Decimal	10891785
CIELab	38.56, 46.05, 47.49
CIELCh	39, 66.156, 45.882
Yxy	10.4079, 0.5894, 0.3627
Android (android.graphics.Color)	4289081865 (0xFFA63209)
YUV	80.0100, -35.0079, 75.4132
Hunter-Lab	32.2613, 37.1369, 20.0544

Details

The YUV color **80.0100, -35.0079, 75.4132** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **94.9900, 35.0079, -75.4132**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.3590, -37.6450, 81.2462**, and **31.3950, -15.4777, 64.5516** is the 20% darker color. If you saturate the color by 10%, you get **74.8750, -36.9134, 79.9166**, and if you desaturate by 10%, it is **88.9920, -31.0551, 67.5360**.

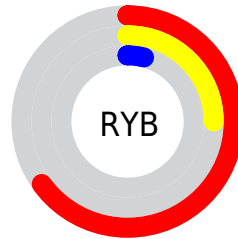
Distribution



Red (65%)

Green (20%)

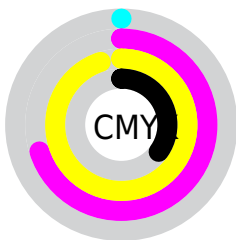
Blue (4%)



Red (65%)

Yellow (25%)

Blue (4%)

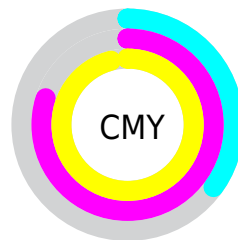


Cyan (0%)

Magenta (70%)

Yellow (95%)

Black (35%)



Cyan (35%)


Magenta (80%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 80.0100, -35.0079, 75.4132 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 80.0100, -35.0079, 75.4132 by changing the saturation by 10% instead.


 80.0100, -35.0079,
75.4132


 80.0100, -35.0079,
75.4132


 253.8600, -4.3680,
0.9998


 52.4040, -25.8352,
73.3137


 135.3590,
-37.6450, 81.2462


 31.3950, -15.4777,
64.5516


 162.0170,
-38.9554, 81.5461


 22.7240, -11.2029,
46.7231

 180.7160,
-35.8490, 65.1471

 15.1780, -6.4968,
30.5389


 200.1160,
-32.5952, 48.1333


 0.0000, 0.0000,
0.0000


 219.6300,
-28.9046, 31.0195


 239.7310,


-25.5034, 13.3909


 250.5540,
-17.0351, 3.8991


 80.0100, -35.0079,
75.4132


 80.0100, -35.0079,
75.4132


 74.8750, -36.9134,
79.9166

 88.9920, -31.0551,
67.5360

 98.4470, -27.8284,
59.2440

 107.4290,
-23.8755, 51.3668

 116.2970,
-20.3594, 43.5895

 125.2790,
-16.4065, 35.7123

■ 134.8480,
-12.7431, 27.3203

■ 143.7160, -9.2270,
19.5431

■ 152.6980, -5.2741,
11.6659

■ 161.5660, -1.7580,
3.8886

Harmonies

Analogous

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



64.1760, 0.4062, 103.3316



80.0100, -35.0079, 75.4132



85.8410, -42.3196, 40.4814

Triad

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



80.0100, -35.0079, 75.4132



72.9260, -4.8935, -63.9561



74.0000, 60.1460, -64.8980

Complementary

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



80.0100, -35.0079, 75.4132



94.9900, 35.0079, -75.4132

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.



83.9790, 55.2264, -73.6496



80.0100, -35.0079, 75.4132



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.



80.0100, -35.0079, 75.4132



62.8090, -30.9648, -55.0835



84.8960, 40.9703, -74.4538



91.3450, 37.2979, 30.3924

Rectangle

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



80.0100, -35.0079, 75.4132



84.5020, -41.6595, 15.3457



84.8960, 40.9703, -74.4538



78.4510, 59.4307, -68.8015

Sweetspot

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



80.0100, -35.0079, 75.4132



183.6310, -13.6221, 29.2646



69.3950, 28.3993, 84.7226



89.2320, -8.4954, 18.2135



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.



80.0100, -35.0079, 75.4132



98.3420, -48.4826, 104.0631



125.2090, -57.2910, 35.7737



79.5660, -1.7580, 3.8886



67.1450, -33.1025, 70.9098



8.9150, -4.3951, 9.7215

Inverse Universe

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



94.9900, 35.0079, -75.4132



118.6580, 48.4826, -104.0631



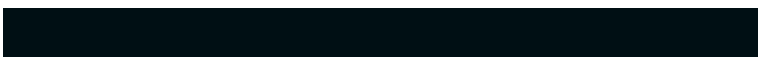
49.7910, 57.2910, -35.7737



80.4340, 1.7580, -3.8886



80.8550, 33.1025, -70.9098



11.0850, 4.3951, -9.7215

Previews

White Background



This preview shows how the YUV color 80.0100, -35.0079, 75.4132 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 80.0100, -35.0079, 75.4132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

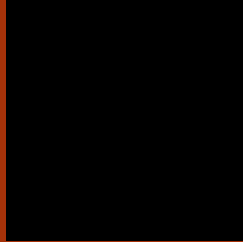
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.0100, -35.0079, 75.4132

Background



This preview shows how black text looks on a background with the YUV color 80.0100, -35.0079, 75.4132.



This preview shows how white text looks on a background with the YUV color 80.0100, -35.0079,

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

80.0100, -35.0079, 75.4132

Protanopia

87.1950, -32.6341, 13.8610

Deuteranopia

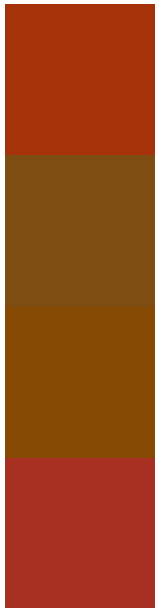
85.7530, -42.2762, 26.5266



Tritanopia

83.1080, -16.8152, 73.5733

Trichromacy



Original Color

80.0100, -35.0079, 75.4132

Protanomaly

84.8110, -33.4308, 36.1228

Deuteranomaly

83.8460, -39.8571, 43.9851

Tritanomaly

81.9850, -23.6566, 74.5582

Monochromacy



Original Color

80.0100, -35.0079, 75.4132

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.8480, -12.7431, 27.3203

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.0100, -35.0079, 75.4132 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, 50, 9)` looks like.

```
.text, #text, p{  
    color:rgb(166, 50, 9)  
}
```

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, 50, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 50, 9) }
```

Border

The CSS property to change the border of an element to YUV 80.0100, -35.0079, 75.4132 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, 50, 9) }
```


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

```
.border{ border-color:rgb(166, 50, 9) }
```

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

Here you see how a box with a 4 pixel rgb(166, 50, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 50, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 50, 9);  
box-shadow:4px 4px 4px 4px rgb(166, 50, 9)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.0100, -35.0079, 75.4132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 50, 9) }
```

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

```
.background{ background-color: rgb(166, 50,  
9) }
```

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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