

Converting Colors

YUV(80.8170, -35.8988,
34.3635)

Have a look what the booklet for
YUV(80.8170, -35.8988, 34.3635)
contains.

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Color

**YUV(80.8170, -35.8988,
34.3635)**

Conversions

Conversions Part 1

Format	Color
Hex	784B08
RGB	120, 75, 8
RGB Percent	47%, 29%, 3%
CMY	0.5294, 0.7059, 0.9686
CMYK	0.00, 0.37, 0.93, 0.53
HSL	36°, 88%, 25%
HSV	36°, 93%, 47%
XYZ	10.3056, 9.0428, 1.4320
YIQ	80.8170, 48.3270, -11.2970

Conversions

Conversions Part 2

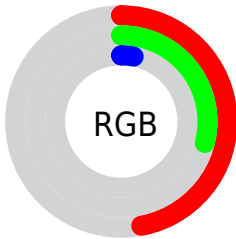
Format	Color
RYB	83, 120, 8
Decimal	7883528
CIELab	36.07, 14.00, 42.56
CIELCh	36, 44.804, 71.793
Yxy	9.0428, 0.4959, 0.4352
Android (android.graphics.Color)	4286073608 (0xFF784B08)
YUV	80.8170, -35.8988, 34.3635
Hunter-Lab	30.0712, 8.5488, 18.2264

Details

The YUV color **80.8170, -35.8988, 34.3635** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **47.1830, 35.8988, -34.3635**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.4370, -36.2044, 39.0818**, and **37.9310, -18.7000, 24.6165** is the 20% darker color. If you saturate the color by 10%, you get **78.1440, -38.5250, 36.7077**, and if you desaturate by 10%, it is **85.1200, -32.1042, 30.5898**.

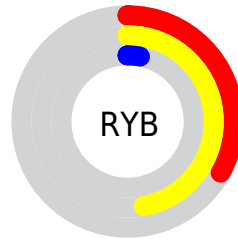
Distribution



Red (47%)

Green (29%)

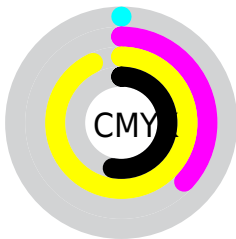
Blue (3%)



Red (33%)

Yellow (47%)

Blue (3%)

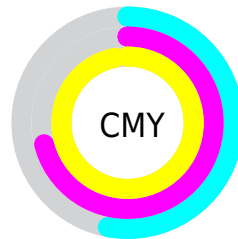


Cyan (0%)

Magenta (37%)

Yellow (93%)

Black (53%)



Cyan (53%)

Magenta (71%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.8170, -35.8988, 34.3635 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 80.8170, -35.8988, 34.3635 by changing the saturation by 10% instead.

80.8170, -35.8988,
34.3635

80.8170, -35.8988,
34.3635

253.9740, -3.9312,
0.8998

58.3310, -28.7572,
30.4047

132.4370,
-36.2044, 39.0818

37.9310, -18.7000,
24.6165

159.2200,
-37.0835, 41.0261

17.8300, -8.7902,
19.4431

186.0030,
-37.9625, 42.9704


0.0000, 0.0000,
0.0000


211.3830,
-37.6568, 38.2521


230.8970,
-33.9662, 21.1383


247.4760,


-28.8287, 6.5985


 250.6680,
-16.5983, 3.7992


 80.8170, -35.8988,
34.3635


 80.8170, -35.8988,
34.3635


 78.1440, -38.5250,
36.7077

 85.1200, -32.1042,
30.5898

 89.4230, -28.3095,
26.8160

 93.1390, -24.2255,
23.5571

 97.4420, -20.4309,
19.7834

 101.7450,
-16.6363, 16.0096

■ 106.0480,
-12.8417, 12.2359

■ 110.3510, -9.0470,
8.4622

■ 114.6540, -5.2524,
4.6884

■ 118.3700, -1.1684,
1.4295

Harmonies

Analogous

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



82.0100, -21.6969, 52.6112



80.8170, -35.8988, 34.3635



78.2670, -38.5856, 9.4128

Triad

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



80.8170, -35.8988, 34.3635



71.0460, 13.2883, -62.3073



87.4450, 25.4166, 14.5187

Complementary

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



80.8170, -35.8988, 34.3635



47.1830, 35.8988, -34.3635

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.



76.0620, 39.4094, -40.3964



80.8170, -35.8988, 34.3635



73.7480, 28.7182, -64.6770

Square

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



80.8170, -35.8988, 34.3635



65.6540, -2.2944, -57.5786



73.2070, 39.3379, -64.2025



84.6850, 11.4943, 46.7573

Rectangle

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



80.8170, -35.8988, 34.3635



76.0240, -30.0848, -10.5450



73.2070, 39.3379, -64.2025



86.0950, 29.5332, 0.7937

Sweetspot

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



80.8170, -35.8988, 34.3635



140.4180, -14.0101, 13.6654



46.8460, 4.0199, 64.1561



69.4650, -8.6102, 8.3622



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



80.8170, -35.8988, 34.3635



101.2350, -49.9089, 48.0289



104.5410, -47.5947, 5.6645



59.1420, -2.0420, 1.6295



81.4000, -40.1302, 38.2372



163.9850, -80.8446, 77.1892

Inverse Universe

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



47.1830, 35.8988, -34.3635



54.1780, 50.1982, -47.5141



23.4590, 47.5947, -5.6645



57.4450, 1.7526, -2.1443



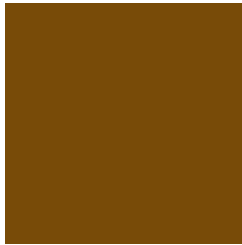
43.6000, 40.1302, -38.2372



88.0150, 80.8446, -77.1892

Previews

White Background



This preview shows how the YUV color 80.8170, -35.8988, 34.3635 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



This preview shows how the YUV color 80.8170, -35.8988, 34.3635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

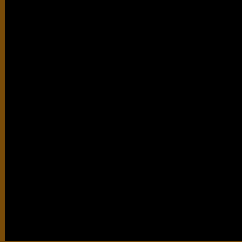
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.8170, -35.8988, 34.3635

Background



This preview shows how black text looks on a background with the YUV color 80.8170, -35.8988, 34.3635.



This preview shows how white text looks on a background with the YUV color 80.8170, -35.8988,

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

80.8170, -35.8988, 34.3635

Protanopia

80.5540, -33.7971, 13.5461

Deuteranopia

79.8390, -39.3606, 24.6972



Tritanopia

86.4170, -5.6286, 32.0833

Trichromacy



Original Color

80.8170, -35.8988, 34.3635

Protanomaly

80.7830, -34.4030, 21.2383

Deuteranomaly

80.2030, -38.0611, 27.8860

Tritanomaly

84.5560, -16.5431, 32.8384

Monochromacy



Original Color

80.8170, -35.8988, 34.3635

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9340, -13.2785, 12.3359

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.8170, -35.8988, 34.3635 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(120, 75, 8)` looks like.

```
.text, #text, p{  
    color:rgb(120, 75, 8)  
}
```

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(120, 75, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 75, 8) }
```

Border

The CSS property to change the border of an element to YUV 80.8170, -35.8988, 34.3635 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(120, 75, 8) }
```


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

```
.border{ border-color:rgb(120, 75, 8) }
```

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

Here you see how a box with a 4 pixel rgb(120, 75, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 75, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 75, 8);  
box-shadow:4px 4px 4px 4px rgb(120, 75, 8)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.8170, -35.8988, 34.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 75, 8) }
```

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

```
.background{ background-color: rgb(120, 75,  
8) }
```

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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