

Converting Colors

YUV(79.6170, -35.8002,
49.4479)

Have a look what the booklet for
YUV(79.6170, -35.8002, 49.4479)
contains.

| | |
|--|----|
| YUV(79.6170, -35.8002, 49.4479) | 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(79.6170, -35.8002,
49.4479)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 884107 |
| RGB | 136, 65, 7 |
| RGB Percent | 53%, 25%, 3% |
| CMY | 0.4667, 0.7451, 0.9725 |
| CMYK | 0.00, 0.52, 0.95, 0.47 |
| HSL | 27°, 90%, 28% |
| HSV | 27°, 95%, 53% |
| XYZ | 12.0820, 9.0302, 1.3072 |
| YIQ | 79.6170, 60.9340, -2.9860 |

Conversions

Conversions Part 2

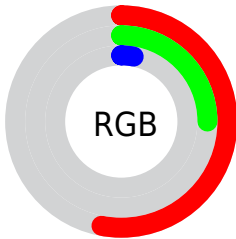
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 136, 112, 7 |
| Decimal | 8929543 |
| CIE Lab | 36.04, 27.08, 43.93 |
| CIE LCh | 36, 51.609, 58.348 |
| Yxy | 9.0302, 0.5389, 0.4028 |
| Android (android.graphics.Color) | 4287119623 (0xFF884107) |
| YUV | 79.6170, -35.8002, 49.4479 |
| Hunter-Lab | 30.0502, 19.1797, 18.4560 |

Details

The YUV color **79.6170, -35.8002, 49.4479** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **63.3830, 35.8002, -49.4479**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.8350, -36.4007, 55.3957**, and **34.7740, -17.1436, 38.7862** is the 20% darker color. If you saturate the color by 10%, you get **76.4710, -37.7002, 52.2069**, and if you desaturate by 10%, it is **85.3220, -31.7107, 44.4446**.

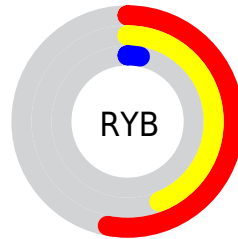
Distribution



Red (53%)

Green (25%)

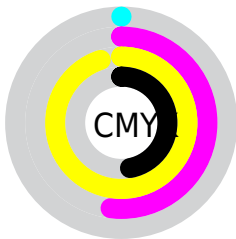
Blue (3%)



Red (53%)

Yellow (44%)

Blue (3%)

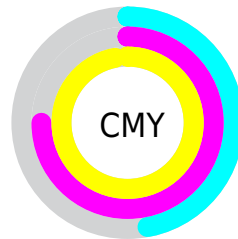


Cyan (0%)

Magenta (52%)

Yellow (95%)

Black (47%)



Cyan (47%)


Magenta (75%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YUV color 79.6170, -35.8002, 49.4479 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 79.6170, -35.8002, 49.4479 by changing the saturation by 10% instead.


 79.6170, -35.8002,
49.4479

 79.6170, -35.8002,
49.4479

 253.7460, -4.8048,
1.0998

 56.9460, -28.0744,
44.7744


 131.8350,
-36.4007, 55.3957


 34.7740, -17.1436,
38.7862

 158.8030,
-37.8639, 58.0548

 15.5480, -7.6652,
31.9684

 186.4720,
-39.1797, 60.0991

 6.5780, -3.2430,
13.5251


 205.2850,
-35.6365, 43.6001


 0.0000, 0.0000,
0.0000


 224.7990,
-31.9459, 26.4863


 244.9000,


-28.5447, 8.8577


 250.4400,
-17.4719, 3.9991


 79.6170, -35.8002,
49.4479

 79.6170, -35.8002,
49.4479

 76.4710, -37.7002,
52.2069

 85.3220, -31.7107,
44.4446

 91.5000, -28.3475,
39.0265

 97.2050, -24.2581,
34.0232

 103.3830,
-20.8948, 28.6051

 109.0880,
-16.8054, 23.6018

■ 115.3800,
-13.0053, 18.0837

■ 120.9710, -9.3527,
13.1804

■ 127.2630, -5.5527,
7.6623

■ 132.8540, -1.9000,
2.7590

Harmonies

Analogous

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



78.2320, -14.9044, 67.3255



79.6170, -35.8002, 49.4479



79.5290, -39.2078, 22.3381

Triad

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



79.6170, -35.8002, 49.4479



69.6950, 5.5734, -61.1225



85.0600, 35.9594, -7.0686

Complementary

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



79.6170, -35.8002, 49.4479



63.3830, 35.8002, -49.4479

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.



72.5690, 47.0475, -63.6430



79.6170, -35.8002, 49.4479



74.4830, 23.9189, -65.3216

Square

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



79.6170, -35.8002, 49.4479



63.0320, -12.3408, -55.2791



76.3700, 38.7646, -66.9765



84.9860, 21.6989, 40.3543

Rectangle

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



79.6170, -35.8002, 49.4479



76.4510, -37.6903, 2.2355



76.3700, 38.7646, -66.9765



78.8010, 42.0031, -32.2745

Sweetspot

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



79.6170, -35.8002, 49.4479



154.5650, -13.5895, 18.7985



53.8930, 12.8708, 72.0078



76.1880, -8.4737, 11.2361



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



79.6170, -35.8002, 49.4479



98.9970, -48.8055, 67.5316



116.0110, -53.7424, 17.5304



65.8540, -1.9000, 2.7590



74.9870, -36.9686, 50.8774



2.6690, -1.3158, 2.0443

Inverse Universe

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



63.3830, 35.8002, -49.4479



77.0030, 48.8055, -67.5316



26.9890, 53.7424, -17.5304



65.1460, 1.9000, -2.7590



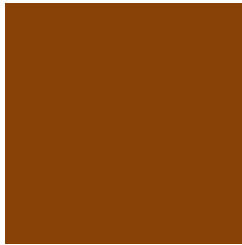
58.0130, 36.9686, -50.8774



2.3310, 1.3158, -2.0443

Previews

White Background



This preview shows how the YUV color 79.6170, -35.8002, 49.4479 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 79.6170, -35.8002, 49.4479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

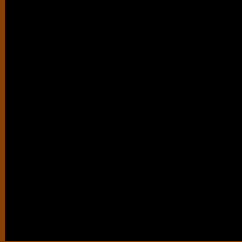
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.6170, -35.8002, 49.4479

Background



This preview shows how black text looks on a background with the YUV color 79.6170, -35.8002, 49.4479.



This preview shows how white text looks on a background with the YUV color 79.6170, -35.8002,

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

79.6170, -35.8002, 49.4479

Protanopia

80.7820, -32.9235, 13.3462

Deuteranopia

79.8390, -39.3606, 24.6972



Tritanopia

83.8920, -9.3138, 47.4527

Trichromacy



Original Color

79.6170, -35.8002, 49.4479

Protanomaly

80.2290, -34.1299, 26.9862

Deuteranomaly

79.6490, -37.7880, 33.6338

Tritanomaly

82.3730, -18.9179, 47.9079

Monochromacy



Original Color

79.6170, -35.8002, 49.4479

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.9670, -13.2947, 17.5689

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.6170, -35.8002, 49.4479 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(136, 65, 7)` looks like.

```
.text, #text, p{  
    color:rgb(136, 65, 7)  
}
```

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(136, 65, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 65, 7) }
```

Border

The CSS property to change the border of an element to YUV 79.6170, -35.8002, 49.4479 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(136, 65, 7) }
```


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

```
.border{ border-color:rgb(136, 65, 7) }
```

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

Here you see how a box with a 4 pixel rgb(136, 65, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 65, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 65, 7);  
box-shadow:4px 4px 4px 4px rgb(136, 65, 7)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.6170, -35.8002, 49.4479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 65, 7) }
```

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

```
.background{ background-color: rgb(136, 65,  
7) }
```

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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