

Converting Colors

YUV(79.5980, -33.8188,
20.5236)

Have a look what the booklet for
YUV(79.5980, -33.8188, 20.5236)
contains.

YUV(79.5980, -33.8188, 20.5236)	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(79.5980, -33.8188,
20.5236)**

Conversions

Conversions Part 1

Format	Color
Hex	67510B
RGB	103, 81, 11
RGB Percent	40%, 32%, 4%
CMY	0.5961, 0.6824, 0.9569
CMYK	0.00, 0.21, 0.89, 0.60
HSL	46°, 81%, 22%
HSV	46°, 89%, 40%
XYZ	8.5964, 8.7926, 1.5607
YIQ	79.5980, 35.5820, -17.1060

Conversions

Conversions Part 2

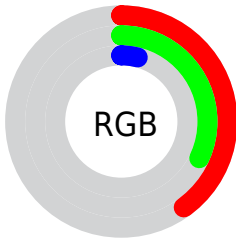
Format	Color
R_{YB}	40, 103, 11
Decimal	6770955
CIE _{Lab}	35.58, 2.10, 40.35
CIE _{LCh}	36, 40.406, 87.018
Yxy	8.7926, 0.4536, 0.4640
Android (android.graphics.Color)	4284961035 (0xFF67510B)
YUV	79.5980, -33.8188, 20.5236
Hunter-Lab	29.6523, -0.1434, 17.6360

Details

The YUV color **79.5980, -33.8188, 20.5236** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **34.4020, 33.8188, -20.5236**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.2070, -34.1191, 23.4975**, and **37.2670, -18.3726, 12.9208** is the 20% darker color. If you saturate the color by 10%, you get **77.2840, -37.6080, 22.5529**, and if you desaturate by 10%, it is **81.9120, -30.0296, 18.4942**.

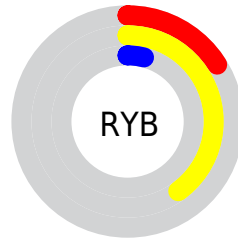
Distribution



Red (40%)

Green (32%)

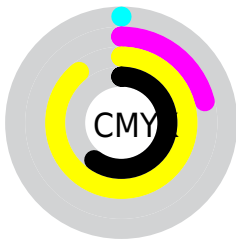
Blue (4%)



Red (16%)

Yellow (40%)

Blue (4%)

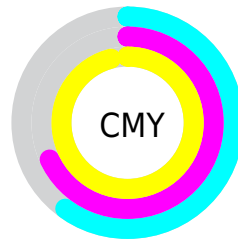


Cyan (0%)

Magenta (21%)

Yellow (89%)

Black (60%)



Cyan (60%)

Magenta (68%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.5980, -33.8188, 20.5236 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 79.5980, -33.8188, 20.5236 by changing the saturation by 10% instead.

■ 79.5980, -33.8188,
20.5236

■ 79.5980, -33.8188,
20.5236

■ 254.3160, -2.6208,
0.5999

■ 57.0690, -28.1350,
17.4795

■ 130.2070,
-34.1191, 23.4975

■ 37.2670, -18.3726,
12.9208

■ 156.6910,
-34.8507, 24.8270

■ 18.0520, -8.8996,
7.8474

■ 184.0610,
-36.0191, 26.2565

■ 0.0000, 0.0000,
0.0000

■ 211.5450,
-36.7507, 27.5860

■ 234.6470,
-34.8290, 17.8496

■ 247.8180,

-27.5183, 6.2986

■ 251.0100,
-15.2879, 3.4992

■ 79.5980, -33.8188,
20.5236

■ 79.5980, -33.8188,
20.5236

■ 77.2840, -37.6080,
22.5529

■ 81.9120, -30.0296,
18.4942

■ 76.5830, -37.7554,
23.1677

■ 84.9270, -26.0930,
15.8500

■ 87.2410, -22.3038,
13.8206

■ 90.1420, -18.8040,
11.2765

■ 92.5700, -14.5780,
9.1471

■ 95.4710, -11.0782,
6.6029

■ 97.7850, -7.2890,
4.5736

■ 100.6860, -3.7892,
2.0294

■ 103.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



81.1950, -25.7321, 40.1710



79.5980, -33.8188, 20.5236



76.6380, -27.9225, -4.0675

Triad

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



79.5980, -33.8188, 20.5236



70.8810, 20.2717, -62.1626



85.8400, 16.3479, 29.9583

Complementary

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



79.5980, -33.8188, 20.5236



34.4020, 33.8188, -20.5236

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.



84.1220, 28.5339, -5.3690



79.5980, -33.8188, 20.5236



71.9700, 32.0598, -63.1177

Square

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



79.5980, -33.8188, 20.5236



67.1190, 5.8573, -58.8634



68.5280, 39.1797, -60.0991



83.0030, 2.4635, 49.9864

Rectangle

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



79.5980, -33.8188, 20.5236



73.1390, -17.8165, -25.5549



68.5280, 39.1797, -60.0991



86.2130, 20.6010, 19.1072

Sweetspot

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



79.5980, -33.8188, 20.5236



125.6130, -13.1202, 8.2324



41.1300, -3.5151, 54.2600



63.5570, -8.1626, 4.7735



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



79.5980, -33.8188, 20.5236



100.8260, -49.7072, 29.9706



85.6350, -36.7951, -4.9419



49.8430, -1.8946, 1.0147



85.4540, -42.1288, 25.9118



180.3660, -88.9204, 54.0530

Inverse Universe

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



34.4020, 33.8188, -20.5236



34.1740, 49.7072, -29.9706



28.3650, 36.7951, 4.9419



47.1570, 1.8946, -1.0147



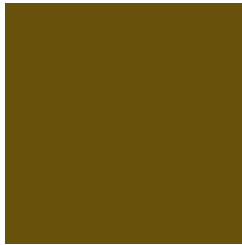
28.9590, 42.4182, -25.3970



61.6340, 88.9204, -54.0530

Previews

White Background



This preview shows how the YUV color 79.5980, -33.8188, 20.5236 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 79.5980, -33.8188, 20.5236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

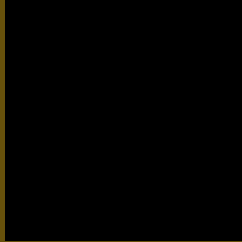
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.5980, -33.8188, 20.5236

Background



This preview shows how black text looks on a background with the YUV color 79.5980, -33.8188, 20.5236.



This preview shows how white text looks on a background with the YUV color 79.5980, -33.8188,

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

79.5980, -33.8188, 20.5236

Protanopia

79.0810, -33.0709, 13.9610

Deuteranopia

80.0220, -33.5348, 22.7827



Tritanopia

85.2520, -2.0962, 19.0730

Trichromacy



Original Color

79.5980, -33.8188, 20.5236

Protanomaly

79.3910, -33.2238, 16.3201

Deuteranomaly

79.7230, -33.3874, 22.1679

Tritanomaly

83.2770, -13.4476, 19.9281

Monochromacy



Original Color

79.5980, -33.8188, 20.5236

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.5420, -12.0992, 7.4177

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.5980, -33.8188, 20.5236 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(103, 81, 11)` looks like.

```
.text, #text, p{  
    color:rgb(103, 81, 11)  
}
```

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(103, 81, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 81, 11) }
```

Border

The CSS property to change the border of an element to YUV 79.5980, -33.8188, 20.5236 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(103, 81, 11) }
```


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

```
.border{ border-color:rgb(103, 81, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 81, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 81, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 81, 11);  
box-shadow:4px 4px 4px 4px rgb(103, 81,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 79.5980, -33.8188, 20.5236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 81, 11) }
```

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

```
.background{ background-color: rgb(103, 81,  
11) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor