

Converting Colors

YUV(79.8890, -11.7773, -2.5337)

Have a look what the booklet for
YUV(79.8890, -11.7773, -2.5337)
contains.

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Color

**YUV(79.8890, -11.7773,
-2.5337)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5638
RGB	77, 86, 56
RGB Percent	30%, 34%, 22%
CMY	0.6980, 0.6627, 0.7804
CMYK	0.10, 0.00, 0.35, 0.66
HSL	78°, 21%, 28%
HSV	78°, 35%, 34%
XYZ	7.1022, 8.5189, 5.0114
YIQ	79.8890, 4.2660, -11.2380

Conversions

Conversions Part 2

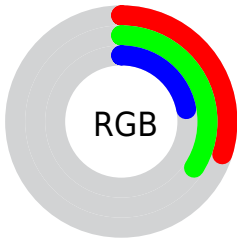
Format	Color
R _{YB}	56, 86, 65
Decimal	5068344
CIE Lab	35.04, -9.41, 16.33
CIE LCh	35, 18.843, 119.946
Yxy	8.5189, 0.3442, 0.4129
Android (android.graphics.Color)	4283258424 (0xFF4D5638)
YUV	79.8890, -11.7773, -2.5337
Hunter-Lab	29.1871, -7.6427, 10.2510

Details

The YUV color **79.8890, -11.7773, -2.5337** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **62.1110, 11.7773, 2.5337**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.2480, -12.9403, -2.8485**, and **35.1170, -10.9037, -2.7336** is the 20% darker color. If you saturate the color by 10%, you get **77.9660, -15.2662, -3.4782**, and if you desaturate by 10%, it is **81.8120, -8.2883, -1.5891**.

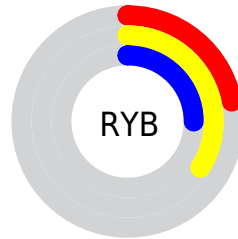
Distribution



Red (30%)

Green (34%)

Blue (22%)



Red (22%)

Yellow (34%)

Blue (25%)

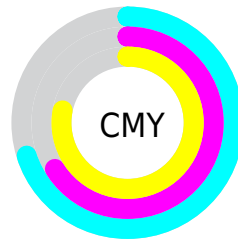


Cyan (10%)

Magenta (0%)

Yellow (35%)

Black (66%)



Cyan (70%)

Magenta (66%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.8890, -11.7773, -2.5337 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 79.8890, -11.7773, -2.5337 by changing the saturation by 10% instead.

■ 79.8890, -11.7773,
-2.5337

■ 79.8890, -11.7773,
-2.5337

■ 255.0000, 0.0000,
0.0000

■ 57.0030, -11.3405,
-2.6336

■ 129.2480,
-12.9403, -2.8485

■ 35.1170, -10.9037,
-2.7336

■ 155.1340,
-13.3771, -2.7485

■ 13.5230, -6.6668,
-8.3517

■ 182.0200,
-13.8139, -2.6485

■ 0.0000, 0.0000,
0.0000

■ 209.9060,
-14.2507, -2.5486

■ 237.9060,
-14.2507, -2.5486

■ 252.9480, -7.8624,

1.7996

■ 79.8890, -11.7773,
-2.5337

■ 79.8890, -11.7773,
-2.5337

■ 77.9660, -15.2662,
-3.4782

■ 81.8120, -8.2883,
-1.5891

■ 76.4560, -18.4658,
-3.9079

■ 83.3220, -5.0887,
-1.1594

■ 74.5330, -21.9548,
-4.8524

■ 85.2450, -1.5998,
-0.2149

■ 73.0230, -25.1543,
-5.2822

■ 86.7550, 1.5998,
0.2149

■ 71.1000, -28.6433,
-6.2267

■ 88.6780, 5.0887,
1.1594

■ 69.4760, -32.2797,
-6.5565

■ 90.3020, 8.7251,
1.4891

■ 68.4220, -33.7320,
-7.3861

■ 92.1110, 11.7773,
2.5337

■ 94.0340, 15.2662,
3.4782

■ 95.5440, 18.4658,
3.9079

Harmonies

Analogous

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



81.2820, -14.4360, 10.2767



79.8890, -11.7773, -2.5337



77.5220, -5.1873, -16.2438

Triad

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



79.8890, -11.7773, -2.5337



76.2270, 15.6641, -30.8941



84.3280, -0.6547, 23.3913

Complementary

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



79.8890, -11.7773, -2.5337



62.1110, 11.7773, 2.5337

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.



84.8090, 6.5032, 14.1995



79.8890, -11.7773, -2.5337



80.6140, 15.4733, -16.3245

Square

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



79.8890, -11.7773, -2.5337



73.4560, 11.6072, -36.3569



83.8010, 11.9301, 0.1745



83.5040, -7.6435, 24.9910

Rectangle

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



79.8890, -11.7773, -2.5337



75.9600, 0.5127, -24.5209



83.8010, 11.9301, 0.1745



84.8870, 1.5347, 21.1471

Sweetspot

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



79.8890, -11.7773, -2.5337



109.8490, -4.3626, -0.7446



70.2530, -7.0267, 13.8101



54.6040, -2.7628, -0.5297



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



79.8890, -11.7773, -2.5337



102.4560, -18.4658, -3.9079



75.4040, -9.5662, -11.7553



42.2450, -1.5998, -0.2149



85.2340, -42.0204, -8.9752



186.9810, -92.1816, -20.1543

Inverse Universe

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



62.1110, 11.7773, 2.5337



74.5440, 18.4658, 3.9079



66.5960, 9.5662, 11.7553



39.7550, 1.5998, 0.2149



21.7660, 42.0204, 8.9752



47.7200, 92.3290, 19.5396

Previews

White Background



This preview shows how the YUV color 79.8890, -11.7773, -2.5337 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 79.8890, -11.7773, -2.5337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

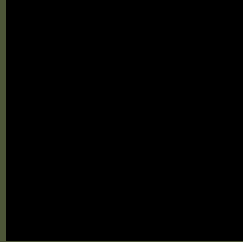
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.8890, -11.7773, -2.5337

Background



This preview shows how black text looks on a background with the YUV color 79.8890, -11.7773, -2.5337.



This preview shows how white text looks on a background with the YUV color 79.8890, -11.7773, -2.5337.

-2.5337.

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

79.8890, -11.7773, -2.5337

Protanopia

80.9010, -13.2622, 7.1028

Deuteranopia

82.2870, -11.9735, 13.7803



Tritanopia

82.3850, 2.7682, -1.2146

Trichromacy



Original Color

79.8890, -11.7773, -2.5337

Protanomaly

80.4060, -12.5252, 4.0289

Deuteranomaly

81.5420, -12.0992, 7.4177

Tritanomaly

81.3050, -2.6154, -1.1445

Monochromacy



Original Color

79.8890, -11.7773, -2.5337

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.8490, -4.3626, -0.7446

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.8890, -11.7773, -2.5337 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(77, 86, 56)` looks like.

```
.text, #text, p{  
    color:rgb(77, 86, 56)  
}
```

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(77, 86, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 86, 56) }
```

Border

The CSS property to change the border of an element to YUV 79.8890, -11.7773, -2.5337 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(77, 86, 56) }
```


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

```
.border{ border-color:rgb(77, 86, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 86, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 86, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 86, 56);  
box-shadow:4px 4px 4px 4px rgb(77, 86, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.8890, -11.7773, -2.5337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 86, 56) }
```

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

```
.background{ background-color: rgb(77, 86,  
56) }
```

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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