

Converting Colors

YUV(88.6660, -10.1883, 1.1699)

Have a look what the booklet for
YUV(88.6660, -10.1883, 1.1699)
contains.

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Color

**YUV(88.6660, -10.1883,
1.1699)**

Conversions

Conversions Part 1

Format	Color
Hex	5A5C44
RGB	90, 92, 68
RGB Percent	35%, 36%, 27%
CMY	0.6471, 0.6392, 0.7333
CMYK	0.02, 0.00, 0.26, 0.64
HSL	65°, 15%, 31%
HSV	65°, 26%, 36%
XYZ	9.0870, 10.2453, 6.9674
YIQ	88.6660, 6.5120, -7.8880

Conversions

Conversions Part 2

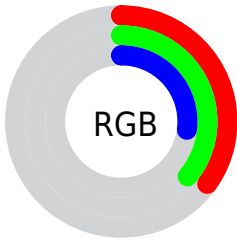
Format	Color
RYB	68, 92, 70
Decimal	5921860
CIELab	38.28, -5.33, 13.59
CIElCh	38, 14.598, 111.429
Yxy	10.2453, 0.3455, 0.3896
Android (android.graphics.Color)	4284111940 (0xFF5A5C44)
YUV	88.6660, -10.1883, 1.1699
Hunter-Lab	32.0083, -5.3393, 9.4998

Details

The YUV color **88.6660, -10.1883, 1.1699** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **71.3340, 10.1883, -1.1699**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.4380, -11.0619, 1.3699**, and **43.0080, -8.8779, 0.8700** is the 20% darker color. If you saturate the color by 10%, you get **87.3410, -13.9721, 1.4549**, and if you desaturate by 10%, it is **89.9910, -6.4046, 0.8849**.

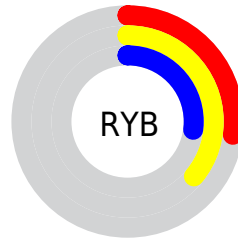
Distribution



Red (35%)

Green (36%)

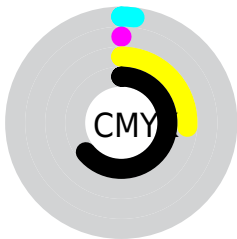
Blue (27%)



Red (27%)

Yellow (36%)

Blue (27%)

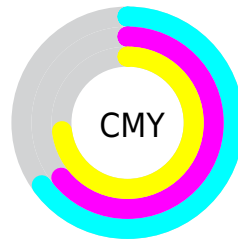


Cyan (2%)

Magenta (0%)

Yellow (26%)

Black (64%)



Cyan (65%)

Magenta (64%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.6660, -10.1883, 1.1699 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 88.6660, -10.1883, 1.1699 by changing the saturation by 10% instead.

■ 88.6660, -10.1883,
1.1699

■ 88.6660, -10.1883,
1.1699

■ 255.0000, 0.0000,
0.0000

■ 65.4810, -9.6041,
0.4552

■ 138.4380,
-11.0619, 1.3699

■ 43.0080, -8.8779,
0.8700

■ 165.3240,
-11.4987, 1.4699

■ 22.7370, -11.2093,
1.9847

■ 192.2100,
-11.9355, 1.5698

■ 0.0000, 0.0000,
0.0000

■ 220.2100,
-11.9355, 1.5698

■ 248.5090,
-12.0829, 2.1846

■ 254.6580, -1.3104,

0.2999

■ 88.6660, -10.1883,
1.1699

■ 88.6660, -10.1883,
1.1699

■ 87.3410, -13.9721,
1.4549

■ 89.9910, -6.4046,
0.8849

■ 86.0160, -17.7559,
1.7400

■ 91.3160, -2.6208,
0.5999

■ 84.8760, -22.1239,
2.7397

■ 92.4560, 1.7472,
-0.3999

■ 83.5510, -25.9076,
3.0248

■ 93.7810, 5.5310,
-0.6849

■ 82.2260, -29.6914,
3.3098

■ 95.1060, 9.3147,
-0.9700

■ 80.9010, -33.4752,
3.5948

■ 96.4310, 13.0985,
-1.2550

■ 79.8750, -37.4064,
4.4946

■ 97.4570, 17.0297,
-2.1548

■ 79.1200, -39.0062,
4.2798

■ 98.8960, 21.2503,
-2.5398

■ 100.2210, 25.0340,
-2.8248

Harmonies

Analogous

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



89.7920, -11.2365, 10.7064



88.6660, -10.1883, 1.1699



87.0390, -5.9352, -9.6812

Triad

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



88.6660, -10.1883, 1.1699



85.7180, 10.9850, -23.4317



92.3380, 0.8194, 17.2436

Complementary

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



88.6660, -10.1883, 1.1699



71.3340, 10.1883, -1.1699

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.



91.7760, 6.5194, 8.9664



88.6660, -10.1883, 1.1699



88.1150, 12.2683, -15.0099

Square

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



88.6660, -10.1883, 1.1699



85.1540, 6.3331, -24.6911



90.7360, 10.4832, -2.3995



91.5680, -4.7170, 19.6729

Rectangle

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



88.6660, -10.1883, 1.1699



86.0320, -1.9878, -15.8141



90.7360, 10.4832, -2.3995



92.4840, 2.7194, 14.4845

Sweetspot

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



88.6660, -10.1883, 1.1699



118.5610, -4.2206, 0.3850



76.3500, -4.1165, 13.7251



60.3160, -2.6208, 0.5999



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



88.6660, -10.1883, 1.1699



114.8850, -15.7193, 1.8549



85.0780, -8.4195, -6.2074



45.4300, -2.1840, 0.4999



94.7690, -46.7211, 5.4646



204.0020, -100.5730, 11.3992

Inverse Universe

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



71.3340, 10.1883, -1.1699



88.1150, 15.7193, -1.8549



74.9220, 8.4195, 6.2074



41.8690, 2.0366, 0.1149



15.2310, 46.7211, -5.4646



32.9980, 100.5730, -11.3992

Previews

White Background



This preview shows how the YUV color 88.6660, -10.1883, 1.1699 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 88.6660, -10.1883, 1.1699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

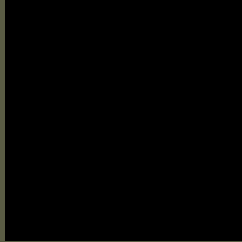
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.6660, -10.1883, 1.1699

Background



This preview shows how black text looks on a background with the YUV color 88.6660, -10.1883, 1.1699.



This preview shows how white text looks on a background with the YUV color 88.6660, -10.1883,

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

88.6660, -10.1883, 1.1699

Protanopia

89.4710, -11.0782, 6.6029

Deuteranopia

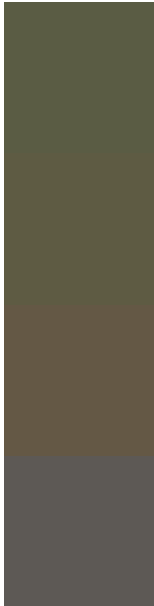
90.0420, -10.3737, 13.9952



Tritanopia

90.5920, 2.1731, 2.9888

Trichromacy



Original Color

88.6660, -10.1883, 1.1699

Protanomaly

89.1610, -10.9254, 4.2438

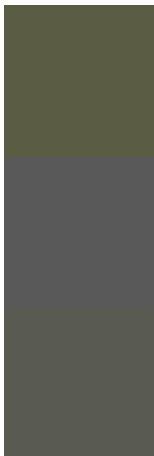
Deuteranomaly

89.4220, -10.0680, 9.2769

Tritanomaly

89.7400, -2.3368, 2.8590

Monochromacy



Original Color

88.6660, -10.1883, 1.1699

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.6750, -3.7838, 0.2850

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.6660, -10.1883, 1.1699 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(90, 92, 68)` looks like.

```
.text, #text, p{  
    color:rgb(90, 92, 68)  
}
```

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(90, 92, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 92, 68) }
```

Border

The CSS property to change the border of an element to YUV 88.6660, -10.1883, 1.1699 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(90, 92, 68) }
```


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

```
.border{ border-color:rgb(90, 92, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 92, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 92, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 92, 68);  
box-shadow:4px 4px 4px 4px rgb(90, 92, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 88.6660, -10.1883, 1.1699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 92, 68) }
```

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

```
.background{ background-color: rgb(90, 92,  
68) }
```

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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