

Converting Colors

YUV(88.1120, 6.8468, -2.7292)

Have a look what the booklet for
YUV(88.1120, 6.8468, -2.7292)
contains.

YUV(88.1120, 6.8468, -2.7292)	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(88.1120, 6.8468,
-2.7292)**

Conversions

Conversions Part 1

Format	Color
Hex	555766
RGB	85, 87, 102
RGB Percent	33%, 34%, 40%
CMY	0.6667, 0.6588, 0.6000
CMYK	0.17, 0.15, 0.00, 0.60
HSL	233°, 9%, 37%
HSV	233°, 17%, 40%
XYZ	9.5528, 9.7070, 13.9405
YIQ	88.1120, -6.0070, 4.2410

Conversions

Conversions Part 2

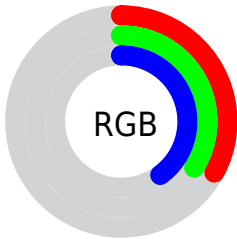
Format	Color
R _Y B	85, 87, 102
Decimal	5592934
CIE Lab	37.31, 2.68, -8.89
CIE LCh	37, 9.281, 286.782
Yxy	9.7070, 0.2877, 0.2924
Android (android.graphics.Color)	4283783014 (0xFF555766)
YUV	88.1120, 6.8468, -2.7292
Hunter-Lab	31.1560, 0.2069, -4.7196

Details

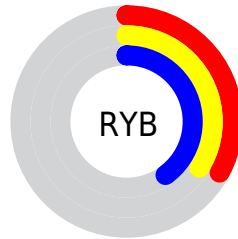
The YUV color **88.1120, 6.8468, -2.7292** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **98.8880, -6.8468, 2.7292**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.2260, 7.2836, -2.8292**, and **42.8840, 5.9732, -2.5293** is the 20% darker color. If you saturate the color by 10%, you get **79.8390, 10.9254, -4.2438**, and if you desaturate by 10%, it is **96.3850, 2.7682, -1.2146**.

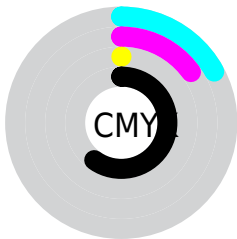
Distribution



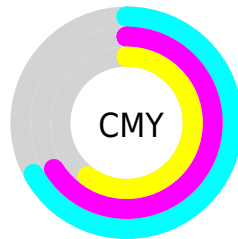
- Red (33%)
- Green (34%)
- Blue (40%)



- Red (33%)
- Yellow (34%)
- Blue (40%)



- Cyan (17%)
- Magenta (15%)
- Yellow (0%)
- Black (60%)



- Cyan (67%)
- Magenta (66%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.1120, 6.8468, -2.7292 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 88.1120, 6.8468, -2.7292 by changing the saturation by 10% instead.

■ 88.1120, 6.8468,
-2.7292

■ 88.1120, 6.8468,
-2.7292

■ 255.0000, 0.0000,
0.0000

■ 64.9980, 6.4100,
-2.6292

■ 138.2260, 7.2836,
-2.8292

■ 42.8840, 5.9732,
-2.5293

■ 164.3400, 7.7204,
-2.9292

■ 22.4710, 5.6838,
-3.0441

■ 191.3400, 7.7204,
-2.9292

■ 1.1400, 4.3680,
-0.9998

■ 219.4540, 8.1572,
-3.0292

■ 0.0000, 0.0000,
0.0000

■ 246.4280, 4.2260,
-2.1294

■ 88.1120, 6.8468,
-2.7292

■ 88.1120, 6.8468,
-2.7292

■ 79.8390, 10.9254,
-4.2438

■ 96.3850, 2.7682,
-1.2146

■ 71.5660, 15.0040,
-5.7584

■ 104.6580, -1.3104,
0.2999

■ 62.9940, 19.2300,
-7.8877

■ 113.2300, -5.5364,
2.4293

■ 54.7210, 23.3085,
-9.4023

■ 121.5030, -9.6150,
3.9439

■ 46.4480, 27.3871,
-10.9169

■ 129.7760,
-13.6936, 5.4584

■ 38.1750, 31.4657,
-12.4315

■ 138.0490,
-17.7722, 6.9730

■ 29.9020, 35.5443,
-13.9461

■ 146.3220,
-21.8507, 8.4876

■ 21.3300, 39.7703,

■ 154.8940,

-16.0754

-26.0767, 10.6170

■ 18.6720, 41.0807,
-16.3753

■ 163.1670,
-30.1553, 12.1315

Harmonies

Analogous

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



86.5950, 7.5947, -9.2918



88.1120, 6.8468, -2.7292



89.1730, 4.3517, 4.2333

Triad

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



88.1120, 6.8468, -2.7292



88.5840, -5.7109, 11.7658



85.4070, -0.6937, -10.8809

Complementary

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



88.1120, 6.8468, -2.7292



98.8880, -6.8468, 2.7292

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.



86.4140, -4.6411, -4.7481



88.1120, 6.8468, -2.7292



87.8070, -7.2999, 8.0623

Square

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



88.1120, 6.8468, -2.7292



89.3930, -2.6587, 12.8103



87.1760, -6.9888, 1.5996



85.1230, 3.3904, -14.1399

Rectangle

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



88.1120, 6.8468, -2.7292



89.0380, 2.4463, 8.7367



87.1760, -6.9888, 1.5996



85.7770, -1.8621, -9.4514

Sweetspot

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



88.1120, 6.8468, -2.7292



127.3850, 2.7682, -1.2146



96.6890, 1.6323, -10.2513



63.0430, 1.4578, -0.9147



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



88.1120, 6.8468, -2.7292



110.8390, 10.9254, -4.2438



88.7320, 6.5411, 1.9890



47.1570, 1.8946, -1.0147



21.3280, 46.1803, -18.7047



44.6110, 97.3128, -39.1238

Inverse Universe

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



90.3110, -1.6323, 10.2513



114.4150, -2.6696, 16.2990



98.2680, -6.5411, -1.9890



47.6090, -0.3002, 2.9739



35.9810, -10.8366, 69.2997



75.6640, -23.0054, 145.8767

Previews

White Background



This preview shows how the YUV color 88.1120, 6.8468, -2.7292 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 88.1120, 6.8468, -2.7292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

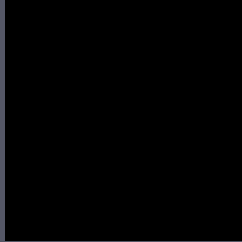
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.1120, 6.8468, -2.7292

Background



This preview shows how black text looks on a background with the YUV color 88.1120, 6.8468, -2.7292.



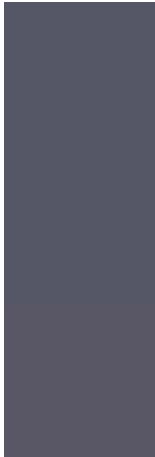
This preview shows how white text looks on a background with the YUV color 88.1120, 6.8468,

-2.7292.

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

88.1120, 6.8468, -2.7292

Protanopia

88.1120, 6.8468, -2.7292

Deuteranopia

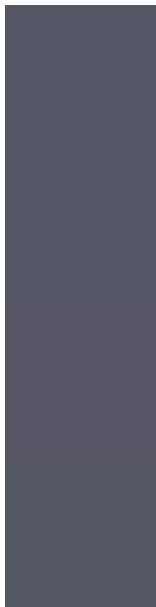
88.7210, 6.5465, 0.2447



Tritanopia

87.6020, 3.6472, -3.1590

Trichromacy



Original Color

88.1120, 6.8468, -2.7292

Protanomaly

88.1120, 6.8468, -2.7292

Deuteranomaly

88.4220, 6.6940, -0.3701

Tritanomaly

87.9440, 4.9576, -3.4589

Monochromacy



Original Color

88.1120, 6.8468, -2.7292

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.2710, 2.3314, -1.1147

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.1120, 6.8468, -2.7292 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(85, 87, 102)` looks like.

```
.text, #text, p{  
    color:rgb(85, 87, 102)  
}
```

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(85, 87, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 87, 102) }
```

Border

The CSS property to change the border of an element to YUV 88.1120, 6.8468, -2.7292 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(85, 87, 102) }
```


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

```
.border{ border-color:rgb(85, 87, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 87, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 87, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 87, 102);  
box-shadow:4px 4px 4px 4px rgb(85, 87,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 88.1120, 6.8468, -2.7292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 87, 102) }
```

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

```
.background{ background-color: rgb(85, 87,  
102) }
```

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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