

Converting Colors

YUV(89.1870, 13.2188, 6.8520)

Have a look what the booklet for
YUV(89.1870, 13.2188, 6.8520)
contains.

| | |
|--|----|
| YUV(89.1870, 13.2188, 6.8520) | 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(89.1870, 13.2188,
6.8520)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 615074 |
| RGB | 97, 80, 116 |
| RGB Percent | 38%, 31%, 45% |
| CMY | 0.6196, 0.6863, 0.5451 |
| CMYK | 0.16, 0.31, 0.00, 0.55 |
| HSL | 268°, 18%, 38% |
| HSV | 268°, 31%, 45% |
| XYZ | 10.9508, 9.5397, 17.7872 |
| YIQ | 89.1870, -1.4240, 14.8000 |

Conversions

Conversions Part 2

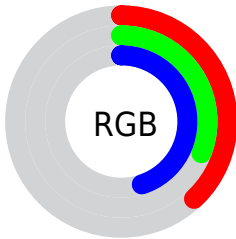
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 97, 80, 116 |
| Decimal | 6377588 |
| CIE _{Lab} | 37.00, 14.84, -17.95 |
| CIE _{LCh} | 37, 23.285, 309.580 |
| Yxy | 9.5397, 0.2861, 0.2492 |
| Android (android.graphics.Color) | 4284567668 (0xFF615074) |
| YUV | 89.1870, 13.2188, 6.8520 |
| Hunter-Lab | 30.8863, 9.2364, -12.5241 |

Details

The YUV color **89.1870, 13.2188, 6.8520** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **106.8130, -13.2188, -6.8520**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.1270, 14.2344, 7.7816**, and **43.2470, 12.2032, 5.9224** is the 20% darker color. If you saturate the color by 10%, you get **80.3490, 17.5759, 9.3409**, and if you desaturate by 10%, it is **98.0250, 8.8617, 4.3631**.

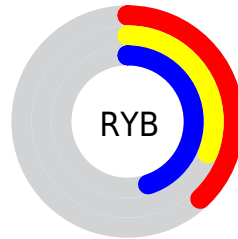
Distribution



Red (38%)

Green (31%)

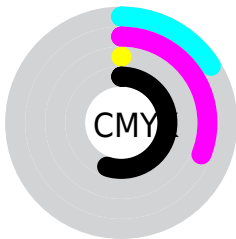
Blue (45%)



Red (38%)

Yellow (31%)

Blue (45%)

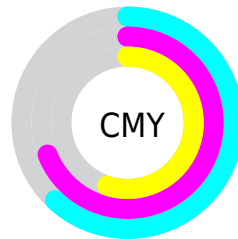


Cyan (16%)

Magenta (31%)

Yellow (0%)

Black (55%)



Cyan (62%)

Magenta (69%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.1870, 13.2188, 6.8520 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 89.1870, 13.2188, 6.8520 by changing the saturation by 10% instead.

■ 89.1870, 13.2188,
6.8520

■ 89.1870, 13.2188,
6.8520

■ 255.0000, 0.0000,
0.0000

■ 65.6600, 12.4926,
6.4372

■ 139.1270, 14.2344,
7.7816

■ 43.2470, 12.2032,
5.9224

■ 165.5400, 14.5238,
8.2964

■ 22.3070, 11.1876,
4.9928

■ 192.6540, 14.9606,
8.1964

■ 2.8500, 10.9200,
-2.4994

■ 221.0670, 15.2500,
8.7112

■ 0.0000, 0.0000,
0.0000

■ 245.0210, 4.9196,
8.7516

89.1870, 13.2188,
6.8520

89.1870, 13.2188,
6.8520

80.3490, 17.5759,
9.3409

98.0250, 8.8617,
4.3631

72.0980, 21.6437,
11.3151

106.2760, 4.7939,
2.3889

63.2600, 26.0008,
13.8040

115.1140, 0.4368,
-0.1000

55.0090, 30.0686,
15.7781

123.3650, -3.6309,
-2.0741

45.8720, 34.5731,
17.6523

132.5020, -8.1355,
-3.9483

37.0340, 38.9302,
20.1412

141.3400,
-12.4926, -6.4372

29.6690, 42.5612,
22.2153

149.5910,
-16.5604, -8.4113

158.4290,

-20.9175, -10.9002

■ 166.6800,
-24.9852, -12.8744

Harmonies

Analogous

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



86.1350, 18.6674, -14.1504



89.1870, 13.2188, 6.8520



89.3370, 5.7499, 22.5065

Triad

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



89.1870, 13.2188, 6.8520



86.3650, -16.9419, 20.7279



74.4180, 9.1609, -45.0936

Complementary

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



89.1870, 13.2188, 6.8520



106.8130, -13.2188, -6.8520

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.



79.6240, -3.2656, -25.9802



89.1870, 13.2188, 6.8520



85.4620, -17.4828, 7.4878

Square

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



89.1870, 13.2188, 6.8520



87.5000, -11.5855, 29.3795



83.0300, -12.3398, -8.7963



70.6860, 19.3818, -56.7296

Rectangle

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



89.1870, 13.2188, 6.8520



89.3610, -0.6710, 28.6244



83.0300, -12.3398, -8.7963



76.3110, 4.7767, -38.8607

Sweetspot

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



89.1870, 13.2188, 6.8520



140.2760, 4.7939, 2.3889



95.2570, 10.2263, -13.3804



70.2220, 3.3416, 1.5593



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



89.1870, 13.2188, 6.8520



109.0440, 20.1913, 10.4854



94.5690, 10.5655, 17.9180



54.5810, 2.1786, 1.2445



31.2500, 44.7398, 23.4597



63.7820, 91.8055, 47.5492

Inverse Universe

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



92.9300, 2.9925, 20.2324



114.7510, 4.5598, 30.9134



101.4310, -10.5655, -17.9180



55.1360, 0.4260, 3.3887



43.8880, 10.4082, 68.5042



89.7980, 20.8056, 140.4972

Previews

White Background



This preview shows how the YUV color 89.1870, 13.2188, 6.8520 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 89.1870, 13.2188, 6.8520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

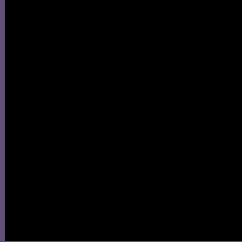
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.1870, 13.2188, 6.8520

Background



This preview shows how black text looks on a background with the YUV color 89.1870, 13.2188, 6.8520.



This preview shows how white text looks on a background with the YUV color 89.1870, 13.2188,

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

89.1870, 13.2188, 6.8520

Protanopia

87.2990, 16.6146, -9.0322

Deuteranopia

87.8110, 13.4042, -5.9732



Tritanopia

88.0760, 1.4415, 4.3183

Trichromacy



Original Color

89.1870, 13.2188, 6.8520

Protanomaly

87.9900, 15.2879, -3.4992

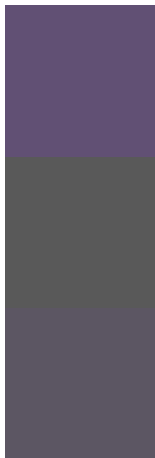
Deuteranomaly

88.4310, 13.0985, -1.2550

Tritanomaly

88.2270, 5.8041, 5.0629

Monochromacy



Original Color

89.1870, 13.2188, 6.8520

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.2760, 4.7939, 2.3889

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.1870, 13.2188, 6.8520 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(97, 80, 116)` looks like.

```
.text, #text, p{  
    color:rgb(97, 80, 116)  
}
```

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(97, 80, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 80, 116) }
```

Border

The CSS property to change the border of an element to YUV 89.1870, 13.2188, 6.8520 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(97, 80, 116) }
```


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

```
.border{ border-color:rgb(97, 80, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 80, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 80, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 80, 116);  
box-shadow:4px 4px 4px 4px rgb(97, 80,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 89.1870, 13.2188, 6.8520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 80, 116) }
```

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

```
.background{ background-color: rgb(97, 80,  
116) }
```

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