

Converting Colors

YUV(80.1870, 13.2188, 6.8520)

Have a look what the booklet for
YUV(80.1870, 13.2188, 6.8520)
contains.

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Color

**YUV(80.1870, 13.2188,
6.8520)**

Conversions

Conversions Part 1

Format	Color
Hex	58476B
RGB	88, 71, 107
RGB Percent	35%, 28%, 42%
CMY	0.6549, 0.7216, 0.5804
CMYK	0.18, 0.34, 0.00, 0.58
HSL	268°, 20%, 35%
HSV	268°, 34%, 42%
XYZ	8.9316, 7.6427, 14.9144
YIQ	80.1870, -1.4240, 14.8000

Conversions

Conversions Part 2

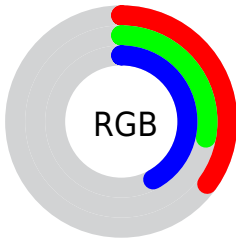
Format	Color
R_{YB}	88, 71, 107
Decimal	5785451
CIE Lab	33.23, 15.13, -18.22
CIE LCh	33, 23.685, 309.705
Yxy	7.6427, 0.2836, 0.2427
Android (android.graphics.Color)	4283975531 (0xFF58476B)
YUV	80.1870, 13.2188, 6.8520
Hunter-Lab	27.6455, 9.2895, -12.6343

Details

The YUV color **80.1870, 13.2188, 6.8520** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **97.8130, -13.2188, -6.8520**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.8280, 14.3818, 7.1668**, and **35.1330, 11.7664, 6.0224** is the 20% darker color. If you saturate the color by 10%, you get **71.9360, 17.2866, 8.8261**, and if you desaturate by 10%, it is **88.4380, 9.1511, 4.8779**.

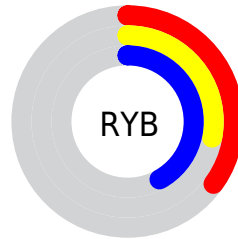
Distribution



 Red (35%)

 Green (28%)

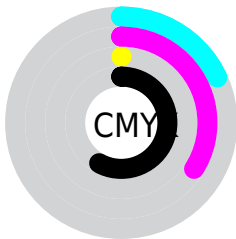
 Blue (42%)




 Red (35%)

 Yellow (28%)

 Blue (42%)

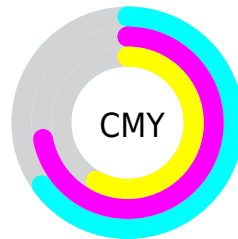


 Cyan (18%)

 Magenta (34%)

 Yellow (0%)

 Black (58%)



 Cyan (65%)

 Magenta (72%)

 Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.1870, 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 80.1870, 13.2188, 6.8520 by changing the saturation by 10% instead.

■ 80.1870, 13.2188,
6.8520

■ 80.1870, 13.2188,
6.8520

■ 255.0000, 0.0000,
0.0000

■ 56.7740, 12.9294,
6.3372

■ 129.8280, 14.3818,
7.1668

■ 35.1330, 11.7664,
6.0224

■ 155.6540, 14.9606,
8.1964

■ 12.0840, 12.7766,
8.6963

■ 182.6540, 14.9606,
8.1964

■ 2.2970, 6.2626,
-2.0145

■ 210.1810, 15.6868,
8.6113

■ 0.0000, 0.0000,
0.0000

■ 236.7700, 8.9874,
10.7257

80.1870, 13.2188,
6.8520

80.1870, 13.2188,
6.8520

71.9360, 17.2866,
8.8261

88.4380, 9.1511,
4.8779

64.5710, 20.9175,
10.9002

95.8030, 5.5201,
2.8038

56.3200, 24.9852,
12.8744

104.0540, 1.4524,
0.8296

48.0690, 29.0530,
14.8485

112.3050, -2.6154,
-1.1445

40.1170, 32.9733,
17.4374

120.2570, -6.5357,
-3.7334

32.4530, 36.7517,
18.8967


127.9210,
-10.3141, -5.1927

27.4470, 39.2196,
20.6560

136.1720,
-14.3818, -7.1668

144.1240,

-18.3021, -9.7557

 151.7880,
-22.0805, -11.2151

Harmonies

Analogous

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



76.8360, 18.8149, -14.7652



80.1870, 13.2188, 6.8520



80.3370, 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.



80.1870, 13.2188, 6.8520



77.9520, -17.2313, 20.2131



62.1290, 10.7824, -51.8561

Complementary

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



80.1870, 13.2188, 6.8520



97.8130, -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.



70.4390, -2.6814, -26.6950



80.1870, 13.2188, 6.8520



76.1630, -17.3354, 6.8730

Square

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



80.1870, 13.2188, 6.8520



78.5000, -11.5855, 29.3795



74.0300, -12.3398, -8.7963



62.5830, 18.9396, -54.8853

Rectangle

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



80.1870, 13.2188, 6.8520



79.7740, -0.3816, 29.1392



74.0300, -12.3398, -8.7963



65.8160, 5.5137, -41.9346

Sweetspot

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



80.1870, 13.2188, 6.8520



129.6890, 5.0833, 2.9037



86.2570, 10.2263, -13.3804



65.1080, 2.9048, 1.6593



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



80.1870, 13.2188, 6.8520



98.4570, 20.4807, 11.0002



85.5690, 10.5655, 17.9180



49.5810, 2.1786, 1.2445



29.7830, 42.9980, 22.1153



62.6140, 89.9163, 46.8195

Inverse Universe

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



83.9300, 2.9925, 20.2324



104.1640, 4.8491, 31.4282



92.4310, -10.5655, -17.9180



50.1360, 0.4260, 3.3887



42.0510, 9.8349, 65.7303



87.9610, 20.2322, 137.7232

Previews

White Background



This preview shows how the YUV color 80.1870, 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 80.1870, 13.2188, 6.8520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

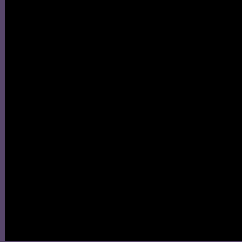
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.1870, 13.2188, 6.8520

Background



This preview shows how black text looks on a background with the YUV color 80.1870, 13.2188, 6.8520.

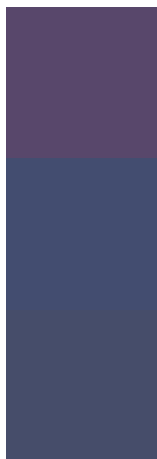


This preview shows how white text looks on a background with the YUV color 80.1870, 13.2188,

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

80.1870, 13.2188, 6.8520

Protanopia

78.0000, 16.7620, -9.6470

Deuteranopia

78.2130, 13.6990, -7.2028



Tritanopia

79.0760, 1.4415, 4.3183

Trichromacy



Original Color

80.1870, 13.2188, 6.8520

Protanomaly

78.9900, 15.2879, -3.4992

Deuteranomaly

79.1320, 13.2459, -1.8698

Tritanomaly

79.2270, 5.8041, 5.0629

Monochromacy



Original Color

80.1870, 13.2188, 6.8520

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.2760, 4.7939, 2.3889

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.1870, 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(88, 71, 107)` looks like.

```
.text, #text, p{  
    color:rgb(88, 71, 107)  
}
```

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(88, 71, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 71, 107) }
```

Border

The CSS property to change the border of an element to YUV 80.1870, 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(88, 71, 107) }
```


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

```
.border{ border-color:rgb(88, 71, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 71, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 71, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 71, 107);  
box-shadow:4px 4px 4px 4px rgb(88, 71,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 80.1870, 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(88, 71, 107) }
```

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

```
.background{ background-color: rgb(88, 71,  
107) }
```

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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