

Converting Colors

YUV(85.1980, 13.7064, 84.0184)

Have a look what the booklet for
YUV(85.1980, 13.7064, 84.0184)
contains.

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Color

**YUV(85.1980, 13.7064,
84.0184)**

Conversions

Conversions Part 1

Format	Color
Hex	B51F71
RGB	181, 31, 113
RGB Percent	71%, 12%, 44%
CMY	0.2902, 0.8784, 0.5569
CMYK	0.00, 0.83, 0.38, 0.29
HSL	327°, 71%, 42%
HSV	327°, 83%, 71%
XYZ	22.5267, 11.9960, 16.7510
YIQ	85.1980, 63.0780, 57.3020

Conversions

Conversions Part 2

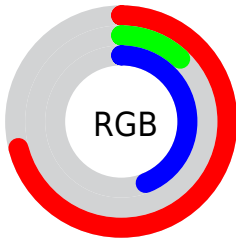
Format	Color
R_{YB}	181, 31, 113
Decimal	11870065
CIE Lab	41.21, 62.83, -8.53
CIE LCh	41, 63.408, 352.270
Yxy	11.9960, 0.4393, 0.2340
Android (android.graphics.Color)	4290060145 (0xFFB51F71)
YUV	85.1980, 13.7064, 84.0184
Hunter-Lab	34.6352, 55.4844, -4.4303

Details

The YUV color **85.1980, 13.7064, 84.0184** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **126.8020, -13.7064, -84.0184**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.0470, 9.3438, 83.2738**, and **44.1870, 10.2608, 69.1190** is the 20% darker color. If you saturate the color by 10%, you get **73.7200, 15.4210, 94.0846**, and if you desaturate by 10%, it is **96.6760, 11.9917, 73.9521**.

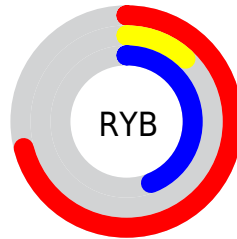
Distribution



Red (71%)

Green (12%)

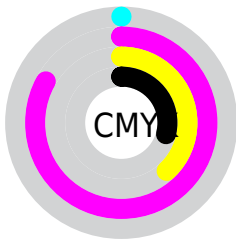
Blue (44%)



Red (71%)

Yellow (12%)

Blue (44%)

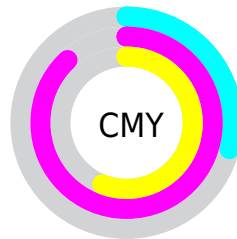


Cyan (0%)

Magenta (83%)

Yellow (38%)

Black (29%)



Cyan (29%)


Magenta (88%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.1980, 13.7064, 84.0184 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 85.1980, 13.7064, 84.0184 by changing the saturation by 10% instead.


 85.1980, 13.7064,
84.0184


 85.1980, 13.7064,
84.0184


255.0000, 0.0000,
0.0000


 55.5940, 16.4692,
84.5481

 146.0470, 9.3438,
83.2738


 44.1870, 10.2608,
69.1190


 170.3340, 10.6813,
74.2521


 33.0080, 4.9261,
53.4900

 189.9620, 14.8087,
57.0383

 22.9540, 0.0227,
39.5053

 210.1770, 18.6467,
39.3098

 11.4760, -5.1647,
23.2615

 227.9980, 13.3120,
23.6808

 0.0000, 0.0000,
0.0000

 245.0210, 4.9196,

8.7516

■ 85.1980, 13.7064,
84.0184

■ 85.1980, 13.7064,
84.0184

■ 73.7200, 15.4210,
94.0846

■ 96.6760, 11.9917,
73.9521

■ 65.4050, 16.5623,
101.3768

■ 108.1540, 10.2771,
63.8859

■ 119.7460, 8.9992,
53.7198

■ 131.2240, 7.2846,
43.6536

■ 143.2890, 5.2805,
33.0725

■ 154.7670, 3.5659,
23.0063

■ 166.2450, 1.8512,
12.9401

■ 177.8370, 0.5734,
2.7740

■ 189.3150, -1.1413,
-7.2923

Harmonies

Analogous

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



97.6300, 31.7344, 41.5435



85.1980, 13.7064, 84.0184



83.7000, -11.1911, 89.7171

Triad

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



85.1980, 13.7064, 84.0184



86.4410, -42.6154, -4.7718



89.0850, 44.3281, -78.1275

Complementary

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



85.1980, 13.7064, 84.0184



126.8020, -13.7064, -84.0184

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.



85.8300, 24.2408, -75.2729



85.1980, 13.7064, 84.0184



70.3550, -22.3600, -61.7013

Square

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



85.1980, 13.7064, 84.0184



91.7000, -45.2081, 33.5891



79.2010, 1.3799, -69.4593



86.3100, 56.5422, -75.6939

Rectangle

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



85.1980, 13.7064, 84.0184



88.3890, -29.7718, 75.9578



79.2010, 1.3799, -69.4593



88.3040, 38.7971, -77.4426

Sweetspot

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



85.1980, 13.7064, 84.0184



197.2890, 5.2805, 33.0725



68.4320, 55.4960, 26.8081



94.6310, 3.1399, 19.6176



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



85.1980, 13.7064, 84.0184



86.1450, 21.1275, 130.5458



76.6480, -19.0535, 91.5167



83.2610, 0.8573, 5.0331



55.3230, 14.1378, 85.6627



9.3700, 2.2826, 14.5845

Inverse Universe

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



85.1980, 13.7064, 84.0184



86.1450, 21.1275, 130.5458



135.2380, 18.6167, -91.4167



83.2610, 0.8573, 5.0331



55.3230, 14.1378, 85.6627



9.3700, 2.2826, 14.5845

Previews

White Background



This preview shows how the YUV color 85.1980, 13.7064, 84.0184 looks on a white background.

Color Contrast Check

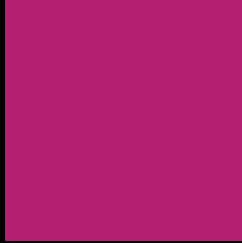
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.1980, 13.7064, 84.0184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

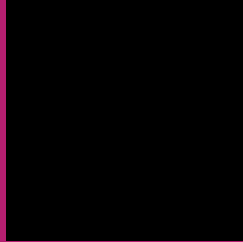
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.1980, 13.7064, 84.0184

Background



This preview shows how black text looks on a background with the YUV color 85.1980, 13.7064, 84.0184.



This preview shows how white text looks on a background with the YUV color 85.1980, 13.7064,

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

85.1980, 13.7064, 84.0184

Protanopia

97.3330, 28.4298, -18.7090

Deuteranopia

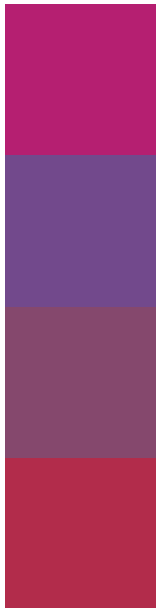
99.8310, 3.0413, 4.5332



Tritanopia

89.6030, -17.5523, 76.6472

Trichromacy



Original Color

85.1980, 13.7064, 84.0184

Protanomaly

92.8970, 23.2218, 18.5073

Deuteranomaly

94.4570, 7.1697, 33.8022

Tritanomaly

87.6000, -6.2118, 79.2808

Monochromacy



Original Color

85.1980, 13.7064, 84.0184

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.8650, 4.9966, 30.8134

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.1980, 13.7064, 84.0184 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(181, 31, 113)` looks like.

```
.text, #text, p{  
    color:rgb(181, 31, 113)  
}
```

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(181, 31, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 31, 113) }
```

Border

The CSS property to change the border of an element to YUV 85.1980, 13.7064, 84.0184 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(181, 31, 113) }
```


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

```
.border{ border-color:rgb(181, 31, 113) }
```

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

Here you see how a box with a 4 pixel rgb(181, 31, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 31, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 31, 113);  
box-shadow:4px 4px 4px 4px rgb(181, 31,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 85.1980, 13.7064, 84.0184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 31, 113) }
```

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

```
.background{ background-color: rgb(181, 31,  
113) }
```

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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