

Converting Colors

YUV(86.4320, 8.1680, -6.5179)

Have a look what the booklet for
YUV(86.4320, 8.1680, -6.5179)
contains.

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Color

**YUV(86.4320, 8.1680,
-6.5179)**

Conversions

Conversions Part 1

Format	Color
Hex	4F5767
RGB	79, 87, 103
RGB Percent	31%, 34%, 40%
CMY	0.6902, 0.6588, 0.5961
CMYK	0.23, 0.16, 0.00, 0.60
HSL	220°, 13%, 36%
HSV	220°, 23%, 40%
XYZ	9.0808, 9.4579, 14.1789
YIQ	86.4320, -9.9040, 3.2800

Conversions

Conversions Part 2

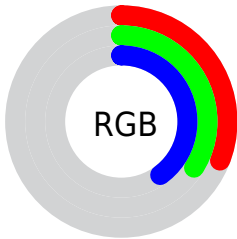
Format	Color
R_YB	79, 85, 103
Decimal	5199719
CIE Lab	36.85, 0.77, -10.25
CIE LCh	37, 10.279, 274.291
Yxy	9.4579, 0.2776, 0.2891
Android (android.graphics.Color)	4283389799 (0xFF4F5767)
YUV	86.4320, 8.1680, -6.5179
Hunter-Lab	30.7537, -1.1124, -5.8078

Details

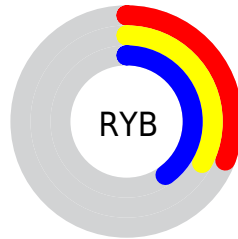
The YUV color **86.4320, 8.1680, -6.5179** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **95.5680, -8.1680, 6.5179**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.2470, 8.7522, -7.2326**, and **41.2040, 7.2944, -6.3179** is the 20% darker color. If you saturate the color by 10%, you get **79.3330, 11.6678, -9.0620**, and if you desaturate by 10%, it is **93.5310, 4.6682, -3.9737**.

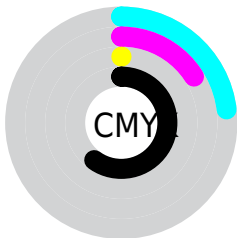
Distribution



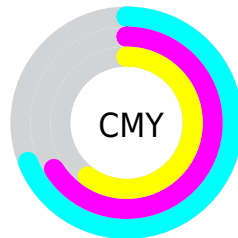
- Red (31%)
- Green (34%)
- Blue (40%)



- Red (31%)
- Yellow (33%)
- Blue (40%)



- Cyan (23%)
- Magenta (16%)
- Yellow (0%)
- Black (60%)



- Cyan (69%)
- Magenta (66%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.4320, 8.1680, -6.5179 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 86.4320, 8.1680, -6.5179 by changing the saturation by 10% instead.

■ 86.4320, 8.1680,
-6.5179

■ 86.4320, 8.1680,
-6.5179

■ 255.0000, 0.0000,
0.0000

■ 63.3180, 7.7312,
-6.4179

■ 136.2470, 8.7522,
-7.2326

■ 41.2040, 7.2944,
-6.3179

■ 162.6600, 9.0416,
-6.7178

■ 20.2040, 7.2944,
-6.3179

■ 189.6600, 9.0416,
-6.7178

■ 1.3680, 5.2416,
-1.1997

■ 217.4750, 9.6258,
-7.4326

■ 0.0000, 0.0000,
0.0000

■ 244.6340, 5.1104,
-5.8180

■ 86.4320, 8.1680,
-6.5179

■ 86.4320, 8.1680,
-6.5179

■ 79.3330, 11.6678,
-9.0620

■ 93.5310, 4.6682,
-3.9737

■ 71.9350, 15.3150,
-12.2210

■ 100.9290, 1.0210,
-0.8147

■ 64.8360, 18.8149,
-14.7652

■ 108.0280, -2.4788,
1.7294

■ 58.3240, 22.0253,
-17.8241

■ 114.5400, -5.6892,
4.7884

■ 51.2250, 25.5251,
-20.3683

■ 121.9380, -9.3364,
7.9474

■ 43.8270, 29.1723,
-23.5273

■ 129.0370,
-12.8362, 10.4916

■ 36.7280, 32.6721,
-26.0715

■ 136.1360,
-16.3360, 13.0357

■ 31.7000, 35.1509,

■ 143.2350,

-27.8009

-19.8359, 15.5799

■ 150.6330,
-23.4831, 18.7389

Harmonies

Analogous

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



84.6870, 8.0423, -12.8805



86.4320, 8.1680, -6.5179



87.6180, 6.1043, 2.0890

Triad

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



86.4320, 8.1680, -6.5179



88.1220, -4.9901, 13.9250



84.5490, -2.7357, -9.2515

Complementary

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



86.4320, 8.1680, -6.5179



95.5680, -8.1680, 6.5179

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.



85.3820, -6.1043, -2.0890



86.4320, 8.1680, -6.5179



87.4160, -7.6001, 11.0362

Square

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



86.4320, 8.1680, -6.5179



88.1480, -1.0590, 13.0252



86.5570, -8.1626, 4.7735



84.0690, 1.9380, -14.9695

Rectangle

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



86.4320, 8.1680, -6.5179



88.3690, 3.7621, 6.6924



86.5570, -8.1626, 4.7735



84.3320, -3.6147, -7.3072

Sweetspot

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



86.4320, 8.1680, -6.5179



128.7870, 3.0630, -2.4442



94.9120, 0.0434, -13.9548



64.8580, 2.0420, -1.6295



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



86.4320, 8.1680, -6.5179



108.9630, 12.8362, -10.4916



82.9320, 9.8935, 0.0596



47.7440, 1.6052, -1.5295



35.4160, 39.2349, -31.0598



75.1350, 82.2644, -65.8934

Inverse Universe

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



87.0880, -0.0434, 13.9548



109.8440, 0.0769, 22.0618



99.0680, -9.8935, -0.0596



47.7230, 0.1366, 2.8739



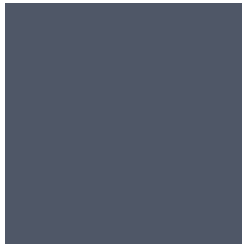
38.7170, -0.3535, 66.9002



81.5920, -0.2919, 140.6778

Previews

White Background



This preview shows how the YUV color 86.4320, 8.1680, -6.5179 looks on a white background.

Color Contrast Check

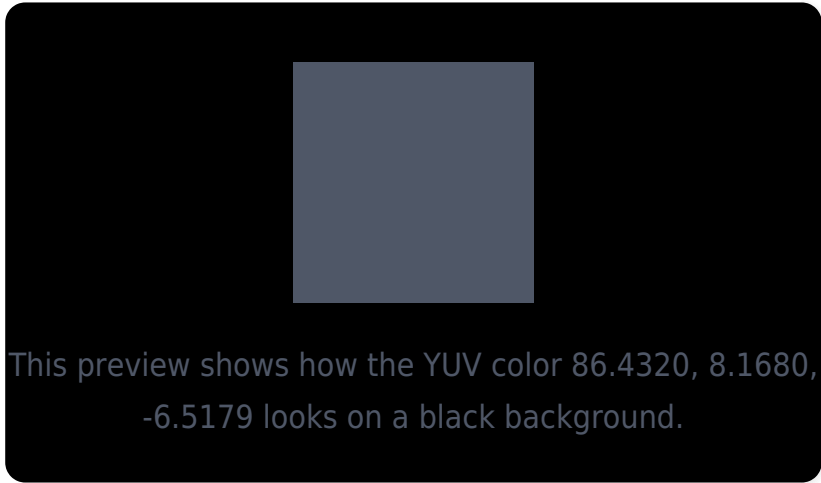
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

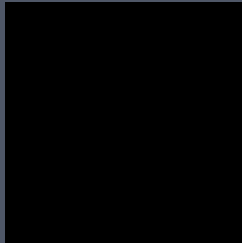
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

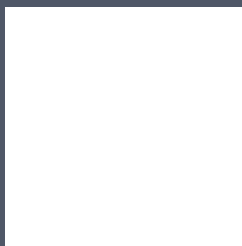
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 86.4320, 8.1680, -6.5179

Background



This preview shows how black text looks on a background with the YUV color 86.4320, 8.1680, -6.5179.



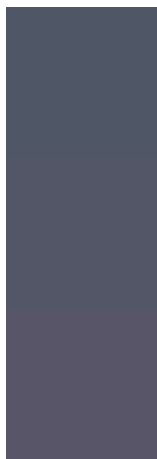
This preview shows how white text looks on a background with the YUV color 86.4320, 8.1680,

-6.5179.

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

86.4320, 8.1680, -6.5179

Protanopia

86.9270, 7.4310, -3.4440

Deuteranopia

87.6500, 7.5676, -0.5700



Tritanopia

85.5090, 4.6791, -7.4624

Trichromacy



Original Color

86.4320, 8.1680, -6.5179

Protanomaly

86.6280, 7.5784, -4.0588

Deuteranomaly

87.3400, 7.7204, -2.9292

Tritanomaly

86.1500, 5.8421, -7.1475

Monochromacy



Original Color

86.4320, 8.1680, -6.5179

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.7870, 3.0630, -2.4442

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.4320, 8.1680, -6.5179 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(79, 87, 103)` looks like.

```
.text, #text, p{  
    color:rgb(79, 87, 103)  
}
```

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(79, 87, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 87, 103) }
```

Border

The CSS property to change the border of an element to YUV 86.4320, 8.1680, -6.5179 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(79, 87, 103) }
```


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

```
.border{ border-color:rgb(79, 87, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 87, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 87, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 87, 103);  
box-shadow:4px 4px 4px 4px rgb(79, 87,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 86.4320, 8.1680, -6.5179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 87, 103) }
```

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

```
.background{ background-color: rgb(79, 87,  
103) }
```

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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