

Converting Colors

YUV(106.7670, 13.4259,
-12.9507)

Have a look what the booklet for
YUV(106.7670, 13.4259, -12.9507)
contains.

YUV(106.7670, 13.4259, -12.9507)	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(106.7670, 13.4259,
-12.9507)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6D86
RGB	92, 109, 134
RGB Percent	36%, 43%, 53%
CMY	0.6392, 0.5725, 0.4745
CMYK	0.31, 0.19, 0.00, 0.47
HSL	216°, 19%, 44%
HSV	216°, 31%, 53%
XYZ	14.1853, 14.9338, 24.6891
YIQ	106.7670, -18.1570, 4.1710

Conversions

Conversions Part 2

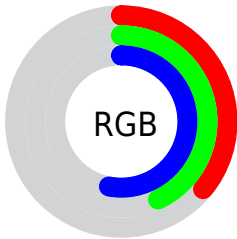
Format	Color
R _Y B	92, 104, 134
Decimal	6057350
CIE Lab	45.54, -0.05, -15.85
CIE LCh	46, 15.849, 269.802
Yxy	14.9338, 0.2636, 0.2775
Android (android.graphics.Color)	4284247430 (0xFF5C6D86)
YUV	106.7670, 13.4259, -12.9507
Hunter-Lab	38.6443, -2.1047, -10.8283

Details

The YUV color **106.7670, 13.4259, -12.9507** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **119.2330, -13.4259, 12.9507**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9950, 14.2995, -13.1506**, and **59.1260, 12.2629, -13.2655** is the 20% darker color. If you saturate the color by 10%, you get **98.1840, 17.6573, -16.8244**, and if you desaturate by 10%, it is **115.3500, 9.1945, -9.0769**.

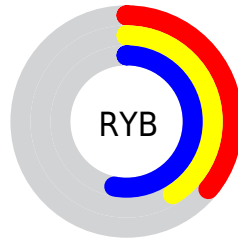
Distribution



Red (36%)

Green (43%)

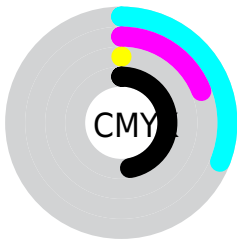
Blue (53%)



Red (36%)

Yellow (41%)

Blue (53%)

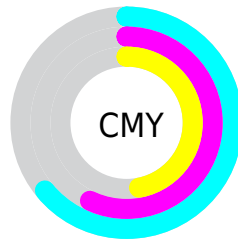


Cyan (31%)

Magenta (19%)

Yellow (0%)

Black (47%)



Cyan (64%)

Magenta (57%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.7670, 13.4259, -12.9507 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 106.7670, 13.4259, -12.9507 by changing the saturation by 10% instead.

■ 106.7670, 13.4259,
-12.9507

■ 106.7670, 13.4259,
-12.9507

■ 255.0000, 0.0000,
0.0000

■ 82.6530, 12.9891,
-12.8507

■ 157.9950, 14.2995,
-13.1506

■ 59.1260, 12.2629,
-13.2655

■ 185.1090, 14.7363,
-13.2506

■ 36.7130, 11.9735,
-13.7803

■ 213.1090, 14.7363,
-13.2506

■ 15.5990, 11.5367,
-13.6803

■ 239.2850, 7.7475,
-11.6509

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 106.7670, 13.4259,
-12.9507

■ 106.7670, 13.4259,
-12.9507

■ 98.1840, 17.6573,
-16.8244

■ 115.3500, 9.1945,
-9.0769

■ 89.3020, 22.0361,
-21.3129

■ 124.2320, 4.8156,
-4.5885

■ 80.7190, 26.2675,
-25.1866

■ 132.8150, 0.5842,
-0.7148

■ 71.8370, 30.6464,
-29.6750

■ 141.6970, -3.7946,
3.7737

■ 63.2540, 34.8778,
-33.5488

■ 150.2800, -8.0260,
7.6474

■ 54.6710, 39.1092,
-37.4225

■ 158.8630,
-12.2575, 11.5211

■ 46.9740, 42.9038,
-41.1962

■ 167.7450,
-16.6363, 16.0096

■ 176.3280,

-20.8677, 19.8833

■ 185.2100,
-25.2465, 24.3718

Harmonies

Analogous

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



104.1740, 12.7322, -23.8316



106.7670, 13.4259, -12.9507



108.8720, 10.9091, 0.9893

Triad

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



106.7670, 13.4259, -12.9507



109.3080, -7.0538, 22.5319



103.9460, -4.9034, -13.9846

Complementary

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



106.7670, 13.4259, -12.9507



119.2330, -13.4259, 12.9507

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.



105.9430, -10.3249, -1.7040



106.7670, 13.4259, -12.9507



108.7220, -11.6949, 17.7838

Square

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



106.7670, 13.4259, -12.9507



109.9040, -0.9387, 21.1322



107.3250, -12.9782, 9.3620



102.4270, 2.2545, -23.1765

Rectangle

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



106.7670, 13.4259, -12.9507



110.0040, 7.3930, 8.7665



107.3250, -12.9782, 9.3620



104.3980, -7.0982, -9.9960

Sweetspot

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



106.7670, 13.4259, -12.9507



163.2320, 4.8156, -4.5885



119.5040, -1.2345, -24.1210



80.4880, 3.2104, -3.0590



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



106.7670, 13.4259, -12.9507



130.6720, 20.8677, -19.8833



97.9840, 17.7559, -1.7400



61.8580, 2.0420, -1.6295



45.9310, 41.4460, -40.2815



0.9290, 1.0210, -0.8147

Inverse Universe

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



106.4960, 1.2345, 24.1210



130.3990, 1.7753, 37.3611



128.3150, -17.9033, 2.3547



62.0220, -0.0108, 3.4887



44.9120, 3.9874, 74.6222



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 106.7670, 13.4259, -12.9507 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 106.7670, 13.4259, -12.9507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

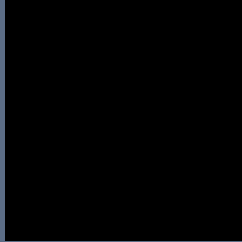
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

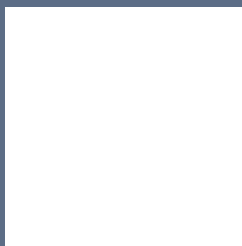
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 106.7670, 13.4259, -12.9507

Background



This preview shows how black text looks on a background with the YUV color 106.7670, 13.4259, -12.9507.



This preview shows how white text looks on a background with the YUV color 106.7670, 13.4259, -12.9507.

-12.9507.

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

106.7670, 13.4259, -12.9507

Protanopia

108.3550, 11.6570, -5.5733

Deuteranopia

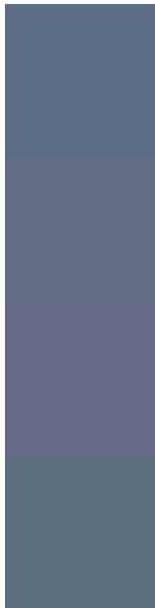
108.1210, 13.2513, -3.6141



Tritanopia

105.4480, 7.1741, -14.4249

Trichromacy



Original Color

106.7670, 13.4259, -12.9507

Protanomaly

107.8600, 12.3940, -8.6472

Deuteranomaly

107.5120, 13.5516, -6.5880

Tritanomaly

105.7300, 9.5001, -13.7952

Monochromacy



Original Color

106.7670, 13.4259, -12.9507

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.2320, 4.8156, -4.5885

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.7670, 13.4259, -12.9507 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(92, 109, 134)` looks like.

```
.text, #text, p{  
    color:rgb(92, 109, 134)  
}
```

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(92, 109, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 109, 134) }
```

Border

The CSS property to change the border of an element to YUV 106.7670, 13.4259, -12.9507 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(92, 109, 134) }
```


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

```
.border{ border-color:rgb(92, 109, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 109, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 109, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 109, 134);  
box-shadow:4px 4px 4px 4px rgb(92, 109,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 106.7670, 13.4259, -12.9507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 109, 134) }
```

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

```
.background{ background-color: rgb(92, 109,  
134) }
```

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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