

Converting Colors

YUV(119.2140, 8.7685,
-12.4657)

Have a look what the booklet for
YUV(119.2140, 8.7685, -12.4657)
contains.

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Color

**YUV(119.2140, 8.7685,
-12.4657)**

Conversions

Conversions Part 1

Format	Color
Hex	697B89
RGB	105, 123, 137
RGB Percent	41%, 48%, 54%
CMY	0.5882, 0.5176, 0.4627
CMYK	0.23, 0.10, 0.00, 0.46
HSL	206°, 13%, 47%
HSV	206°, 23%, 54%
XYZ	17.4240, 18.9753, 26.4112
YIQ	119.2140, -15.2220, 0.5380

Conversions

Conversions Part 2

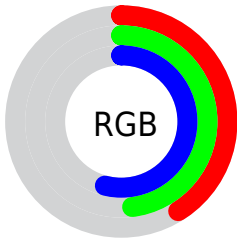
Format	Color
R_YB	105, 117, 137
Decimal	6912905
CIE Lab	50.66, -3.28, -9.80
CIE LCh	51, 10.338, 251.476
Yxy	18.9753, 0.2774, 0.3021
Android (android.graphics.Color)	4285102985 (0xFF697B89)
YUV	119.2140, 8.7685, -12.4657
Hunter-Lab	43.5607, -4.8322, -5.4555

Details

The YUV color $[119.2140, 8.7685, -12.4657]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[122.7860, -8.7685, 12.4657]$, and the grayscale version is $[119.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[171.3280, 9.2053, -12.5657]$, and $[70.3990, 8.1843, -11.7509]$ is the 20% darker color. If you saturate the color by 10%, you get $[111.5060, 12.5685, -17.9838]$, and if you desaturate by 10%, it is $[126.9220, 4.9685, -6.9476]$.

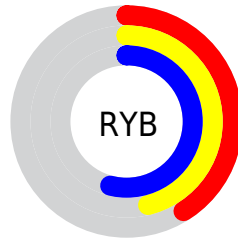
Distribution



Red (41%)

Green (48%)

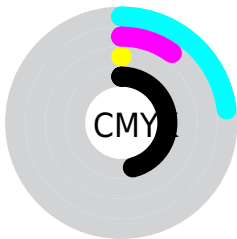
Blue (54%)



Red (41%)

Yellow (46%)

Blue (54%)

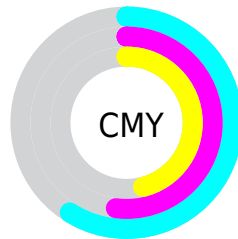


Cyan (23%)

Magenta (10%)

Yellow (0%)

Black (46%)



Cyan (59%)

Magenta (52%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.2140, 8.7685, -12.4657 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 119.2140, 8.7685, -12.4657 by changing the saturation by 10% instead.

■ 119.2140, 8.7685,
-12.4657

■ 119.2140, 8.7685,
-12.4657

■ 255.0000, 0.0000,
0.0000

■ 94.2140, 8.7685,
-12.4657

■ 171.3280, 9.2053,
-12.5657

■ 70.3990, 8.1843,
-11.7509

■ 199.0290, 9.3527,
-13.1804

■ 47.9860, 7.8949,
-12.2657

■ 227.1430, 9.7895,
-13.2804

■ 26.5730, 7.6055,
-12.7805

■ 250.5150, 2.2111,
-9.2217

■ 6.0300, 7.8732,
-5.2883

■ 0.0000, 0.0000,
0.0000

■ 119.2140, 8.7685,
-12.4657

■ 119.2140, 8.7685,
-12.4657

■ 111.5060, 12.5685,
-17.9838

■ 126.9220, 4.9685,
-6.9476

■ 104.0970, 16.2212,
-22.8871

■ 134.3310, 1.3158,
-2.0443

■ 96.3890, 20.0212,
-28.4052

■ 142.0390, -2.4842,
3.4738

■ 88.6810, 23.8213,
-33.9232

■ 149.7470, -6.2843,
8.9919

■ 80.9730, 27.6213,
-39.4413

■ 157.4550,
-10.0843, 14.5100

■ 73.5640, 31.2739,
-44.3446

■ 164.8640,
-13.7370, 19.4133

■ 65.8560, 35.0740,
-49.8627


■ 172.5720,
-17.5370, 24.9314

■ 60.8170, 37.5582,

■ 180.2800,

-53.3365

-21.3370, 30.4494

 187.6890,
-24.9897, 35.3527

Harmonies

Analogous

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



118.0240, 6.8902, -16.6840



119.2140, 8.7685, -12.4657



120.5570, 8.5994, -4.8735

Triad

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



119.2140, 8.7685, -12.4657



122.4040, -2.6642, 14.5547



119.0720, -5.9515, -4.4481

Complementary

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



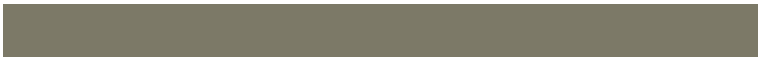
119.2140, 8.7685, -12.4657



122.7860, -8.7685, 12.4657

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.



119.8450, -8.3046, 3.6439



119.2140, 8.7685, -12.4657



121.7800, -6.3005, 14.2249

Square

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



119.2140, 8.7685, -12.4657



122.2340, 1.8566, 11.1958



120.8890, -8.3263, 10.6213



117.8800, -1.4198, -11.2958

Rectangle

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



119.2140, 8.7685, -12.4657



121.5470, 7.1253, 1.2743



120.8890, -8.3263, 10.6213



119.1540, -6.9779, -1.8891

Sweetspot

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



119.2140, 8.7685, -12.4657



171.5910, 3.6526, -4.9033



125.3800, -3.1453, -17.8733



85.1460, 1.9000, -2.7590



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



119.2140, 8.7685, -12.4657



151.1360, 13.7370, -19.4133



109.8220, 13.3988, -4.2289



65.1460, 1.9000, -2.7590



59.1870, 36.3898, -51.9070



2.3310, 1.3158, -2.0443

Inverse Universe

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



116.6200, 3.1453, 17.8733



147.1420, 4.8600, 27.9395



132.1780, -13.3988, 4.2289



64.5490, 0.7153, 3.9035



48.3170, 13.1547, 74.2670



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 119.2140, 8.7685, -12.4657 looks on a white 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

Black Background



This preview shows how the YUV color 119.2140, 8.7685, -12.4657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

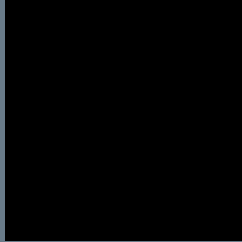
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.2140, 8.7685, -12.4657

Background



This preview shows how black text looks on a background with the YUV color 119.2140, 8.7685, -12.4657.



This preview shows how white text looks on a background with the YUV color 119.2140, 8.7685,

-12.4657.

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

119.2140, 8.7685, -12.4657

Protanopia

120.5250, 7.1362, -2.2144

Deuteranopia

121.4870, 8.1409, 2.2039



Tritanopia

119.0460, 6.8793, -13.1953

Trichromacy



Original Color

119.2140, 8.7685, -12.4657

Protanomaly

119.7310, 8.0206, -5.9031

Deuteranomaly

120.5680, 8.5940, -3.1291

Tritanomaly

119.1600, 7.3161, -13.2953

Monochromacy



Original Color

119.2140, 8.7685, -12.4657

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.8900, 3.5052, -4.2885

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.2140, 8.7685, -12.4657 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(105, 123, 137)` looks like.

```
.text, #text, p{  
    color:rgb(105, 123, 137)  
}
```

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(105, 123, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 123, 137) }
```

Border

The CSS property to change the border of an element to YUV 119.2140, 8.7685, -12.4657 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(105, 123, 137) }
```


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

```
.border{ border-color:rgb(105, 123, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 123, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 123, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 123, 137);  
box-shadow:4px 4px 4px 4px rgb(105, 123,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 119.2140, 8.7685, -12.4657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 123, 137) }
```

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

```
.background{ background-color: rgb(105,  
123, 137) }
```

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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