

Converting Colors

YUV(116.8650, 14.8566,
-5.1436)

Have a look what the booklet for
YUV(116.8650, 14.8566, -5.1436)
contains.

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Color

**YUV(116.8650, 14.8566,
-5.1436)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7293
RGB	111, 114, 147
RGB Percent	44%, 45%, 58%
CMY	0.5647, 0.5529, 0.4235
CMYK	0.24, 0.22, 0.00, 0.42
HSL	235°, 14%, 51%
HSV	235°, 24%, 58%
XYZ	17.8393, 17.5207, 30.0454
YIQ	116.8650, -12.3810, 9.6270

Conversions

Conversions Part 2

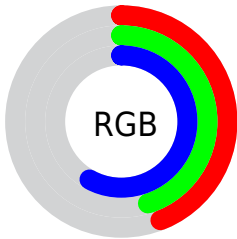
Format	Color
RYB	111, 114, 147
Decimal	7303827
CIELab	48.91, 6.49, -18.29
CIElCh	49, 19.412, 289.539
Yxy	17.5207, 0.2727, 0.2679
Android (android.graphics.Color)	4285493907 (0xFF6F7293)
YUV	116.8650, 14.8566, -5.1436
Hunter-Lab	41.8578, 2.8237, -13.2577

Details

The YUV color **116.8650, 14.8566, -5.1436** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **141.1350, -14.8566, 5.1436**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.0930, 15.7302, -5.3436**, and **68.2240, 13.6936, -5.4584** is the 20% darker color. If you saturate the color by 10%, you get **104.7490, 20.8297, -7.6729**, and if you desaturate by 10%, it is **128.9810, 8.8834, -2.6143**.

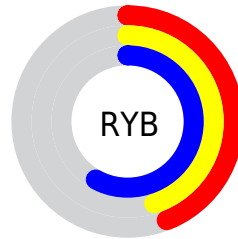
Distribution



Red (44%)

Green (45%)

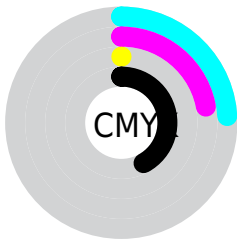
Blue (58%)



Red (44%)

Yellow (45%)

Blue (58%)

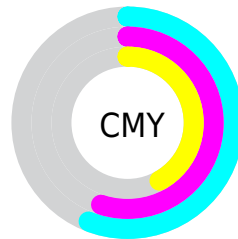


Cyan (24%)

Magenta (22%)

Yellow (0%)

Black (42%)



Cyan (56%)

Magenta (55%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.8650, 14.8566, -5.1436 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 116.8650, 14.8566, -5.1436 by changing the saturation by 10% instead.

■ 116.8650, 14.8566,
-5.1436

■ 116.8650, 14.8566,
-5.1436

■ 255.0000, 0.0000,
0.0000

■ 92.3380, 14.1304,
-5.5584

■ 169.0930, 15.7302,
-5.3436

■ 68.2240, 13.6936,
-5.4584

■ 196.5060, 16.0195,
-4.8288

■ 45.6970, 12.9674,
-5.8733

■ 223.9790, 15.2934,
-5.2436

■ 24.8710, 12.3886,
-6.9029

■ 249.0860, 2.9156,
-1.8294

■ 3.3060, 12.6671,
-2.8994

■ 0.0000, 0.0000,
0.0000

■ 116.8650, 14.8566,
-5.1436

■ 116.8650, 14.8566,
-5.1436

■ 104.7490, 20.8297,
-7.6729

■ 128.9810, 8.8834,
-2.6143

■ 92.3450, 26.9449,
-9.0726

■ 141.3850, 2.7682,
-1.2146

■ 80.2290, 32.9181,
-11.6018

■ 153.5010, -3.2050,
1.3146

■ 67.5260, 39.1807,
-13.6163

■ 166.2040, -9.4676,
3.3291

■ 55.7090, 45.0065,
-15.5308

■ 178.3200,
-15.4408, 5.8584

■ 43.0060, 51.2690,
-17.5453

■ 190.7240,
-21.5559, 7.2581

■ 30.8900, 57.2422,
-20.0745


■ 202.8400,
-27.5291, 9.7873

■ 23.8020, 60.7366,

■ 215.5430,

-20.8744

-33.7917, 11.8018

 227.3600,
-39.6175, 13.7163

Harmonies

Analogous

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



113.0370, 17.2368, -21.9574



116.8650, 14.8566, -5.1436



118.5960, 9.5662, 11.7553

Triad

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



116.8650, 14.8566, -5.1436



117.2390, -12.4428, 24.3464



109.8350, 0.0813, -26.1653

Complementary

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



116.8650, 14.8566, -5.1436



141.1350, -14.8566, 5.1436

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.



112.2190, -8.9820, -12.4701



116.8650, 14.8566, -5.1436



115.9730, -15.7627, 15.8097

Square

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



116.8650, 14.8566, -5.1436



118.5690, -6.1965, 27.5650



114.5260, -14.5563, 2.1697



108.1850, 9.2758, -35.2422

Rectangle

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



116.8650, 14.8566, -5.1436



119.2720, 4.3029, 19.9325



114.5260, -14.5563, 2.1697



110.9450, -3.4239, -21.8768

Sweetspot

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



116.8650, 14.8566, -5.1436



180.0690, 5.3890, -1.8145



135.8940, 3.9963, -21.8320



90.4990, 3.2050, -1.3146



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



116.8650, 14.8566, -5.1436



144.6180, 22.8663, -7.5580



119.5890, 13.5136, 5.6224



67.7980, 3.0576, -0.6998



22.1890, 57.0948, -19.4598



1.7270, 4.0786, -1.5146

Inverse Universe

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



122.1060, -3.9963, 21.8320



152.9010, -6.3602, 33.4128



138.4110, -13.5136, -5.6224



69.0930, -1.0318, 4.3034



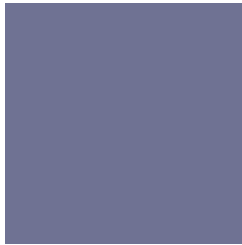
42.5160, -15.5374, 83.7395



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 116.8650, 14.8566, -5.1436 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 116.8650, 14.8566, -5.1436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

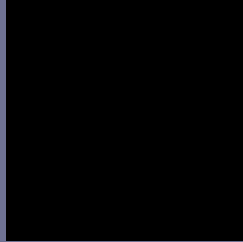
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.8650, 14.8566, -5.1436

Background



This preview shows how black text looks on a background with the YUV color 116.8650, 14.8566, -5.1436.



This preview shows how white text looks on a background with the YUV color 116.8650, 14.8566, -5.1436.

-5.1436.

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

116.8650, 14.8566, -5.1436

Protanopia

116.6690, 15.4462, -7.6027

Deuteranopia

116.8650, 14.8566, -5.1436



Tritanopia

115.7370, 5.5527, -7.6623

Trichromacy



Original Color

116.8650, 14.8566, -5.1436

Protanomaly

116.9680, 15.2988, -6.9879

Deuteranomaly

116.8650, 14.8566, -5.1436

Tritanomaly

116.2470, 8.7522, -7.2326

Monochromacy



Original Color

116.8650, 14.8566, -5.1436

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0690, 5.3890, -1.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8650, 14.8566, -5.1436 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(111, 114, 147)` looks like.

```
.text, #text, p{  
    color:rgb(111, 114, 147)  
}
```

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(111, 114, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 114, 147) }
```

Border

The CSS property to change the border of an element to YUV 116.8650, 14.8566, -5.1436 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(111, 114, 147) }
```


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

```
.border{ border-color:rgb(111, 114, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 114, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 114, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 114, 147);  
box-shadow:4px 4px 4px 4px rgb(111, 114,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 116.8650, 14.8566, -5.1436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 114, 147) }
```

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

```
.background{ background-color: rgb(111,  
114, 147) }
```

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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