

Converting Colors

YUV(118.8480, 34.0919,
-14.7757)

Have a look what the booklet for
YUV(118.8480, 34.0919, -14.7757)
contains.

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Color

**YUV(118.8480, 34.0919,
-14.7757)**

Conversions

Conversions Part 1

Format	Color
Hex	6672BC
RGB	102, 114, 188
RGB Percent	40%, 45%, 74%
CMY	0.6000, 0.5529, 0.2627
CMYK	0.46, 0.39, 0.00, 0.26
HSL	232°, 39%, 57%
HSV	232°, 46%, 74%
XYZ	20.5739, 18.4902, 50.0616
YIQ	118.8480, -30.9060, 20.4700

Conversions

Conversions Part 2

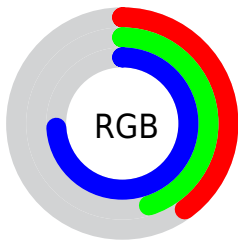
Format	Color
R _Y B	102, 113, 188
Decimal	6714044
CIE Lab	50.09, 15.36, -40.42
CIE LCh	50, 43.244, 290.808
Yxy	18.4902, 0.2308, 0.2075
Android (android.graphics.Color)	4284904124 (0xFF6672BC)
YUV	118.8480, 34.0919, -14.7757
Hunter-Lab	43.0003, 10.1545, -38.9261

Details

The YUV color **118.8480, 34.0919, -14.7757** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **171.1520, -34.0919, 14.7757**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.3150, 35.8337, -13.4313**, and **68.0710, 32.5030, -18.4793** is the 20% darker color. If you saturate the color by 10%, you get **103.7750, 41.5229, -18.2197**, and if you desaturate by 10%, it is **133.9210, 26.6609, -11.3317**.

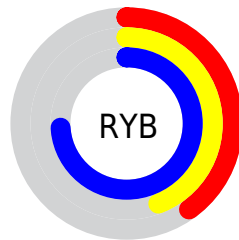
Distribution



Red (40%)

Green (45%)

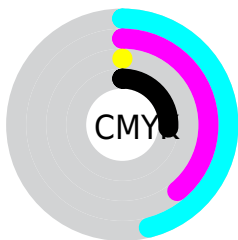
Blue (74%)



Red (40%)

Yellow (44%)

Blue (74%)

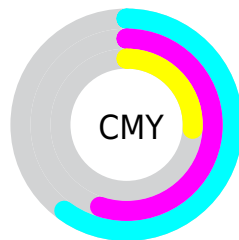


Cyan (46%)

Magenta (39%)

Yellow (0%)

Black (26%)



Cyan (60%)

Magenta (55%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.8480, 34.0919, -14.7757 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 118.8480, 34.0919, -14.7757 by changing the saturation by 10% instead.

■ 118.8480, 34.0919,
-14.7757

■ 118.8480, 34.0919,
-14.7757

■ 255.0000, 0.0000,
0.0000

■ 93.6090, 33.2238,
-16.3201

■ 172.3150, 35.8337,
-13.4313

■ 68.0710, 32.5030,
-18.4793

■ 197.6760, 28.2607,
-11.1169

■ 42.1300, 32.9669,
-27.3010

■ 222.7830, 15.8830,
-7.7027

■ 24.2510, 29.4563,
-21.2681

■ 247.8900, 3.5052,
-4.2885

■ 6.8400, 26.2079,
-5.9987

■ 5.5060, 16.0195,
-4.8288

■ 2.1830, 5.8258,

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 118.8480, 34.0919,
-14.7757

■ 118.8480, 34.0919,
-14.7757

■ 103.7750, 41.5229,
-18.2197

■ 133.9210, 26.6609,
-11.3317

■ 88.7020, 48.9539,
-21.6637

■ 148.9940, 19.2300,
-7.8877

■ 73.3410, 56.5269,
-23.9781

■ 164.3550, 11.6570,
-5.5733

■ 58.2680, 63.9579,
-27.4220

■ 179.4280, 4.2260,
-2.1294

■ 43.1950, 71.3889,
-30.8660

■ 194.5010, -3.2050,
1.3146

■ 36.6940, 74.5939,
-32.1806

■ 209.5740,
-10.6360, 4.7586

■ 224.6470,
-18.0670, 8.2026

■ 239.4210,
-25.3506, 11.0318

■ 247.3620,
-29.2655, 6.6985

Harmonies

Analogous

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



95.8500, 47.4019, -84.0604



118.8480, 34.0919, -14.7757



122.7840, 21.3055, 26.4994

Triad

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



118.8480, 34.0919, -14.7757



117.6200, -26.9277, 50.3223



92.5030, 6.6540, -81.1251

Complementary

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



118.8480, 34.0919, -14.7757



171.1520, -34.0919, 14.7757

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.



107.3940, -17.9422, -31.9175



118.8480, 34.0919, -14.7757



116.1970, -35.5931, 29.6452

Square

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



118.8480, 34.0919, -14.7757



118.3990, -11.5357, 60.1631



113.0040, -33.0330, 1.7505



96.8350, 23.2523, -84.9243

Rectangle

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



118.8480, 34.0919, -14.7757



121.8590, 10.9155, 45.7277



113.0040, -33.0330, 1.7505



96.2290, -1.0989, -67.7298

Sweetspot

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



118.8480, 34.0919, -14.7757



217.2240, 13.6936, -5.4584



160.8040, 6.9986, -51.5711



105.4540, 8.1572, -3.0292



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



118.8480, 34.0919, -14.7757



136.5430, 53.4693, -23.2782



120.7740, 33.1424, 9.8452



86.6130, 3.6418, -1.4146



30.9260, 62.6475, -27.1221



5.8820, 12.3832, -5.1585

Inverse Universe

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



129.0820, -7.4354, 51.6711



152.5310, -11.6008, 81.0953



169.2260, -33.1424, -9.8452



87.8050, -0.8899, 5.4330



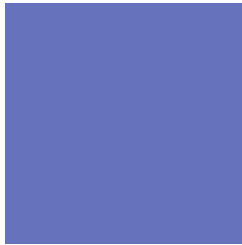
49.7500, -13.6807, 94.9352



9.7250, -2.8224, 18.6582

Previews

White Background



This preview shows how the YUV color 118.8480, 34.0919, -14.7757 looks on a white background.

Color Contrast Check

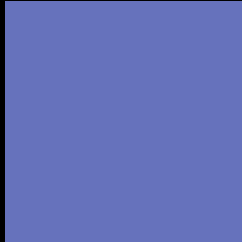
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.8480, 34.0919, -14.7757 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 118.8480, 34.0919, -14.7757

Background



This preview shows how black text looks on a background with the YUV color 118.8480, 34.0919, -14.7757.



This preview shows how white text looks on a background with the YUV color 118.8480, 34.0919, -14.7757.

-14.7757.

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

118.8480, 34.0919, -14.7757

Protanopia

116.9610, 36.0082, -22.7678

Deuteranopia

115.6890, 35.1563, -29.5453



Tritanopia

114.7780, 9.9694, -24.3613

Trichromacy



Original Color

118.8480, 34.0919, -14.7757

Protanomaly

117.4560, 35.2712, -19.6939

Deuteranomaly

116.6080, 34.7033, -24.2122

Tritanomaly

116.0910, 18.6891, -21.1278

Monochromacy



Original Color

118.8480, 34.0919, -14.7757

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.8820, 12.3832, -5.1585

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.8480, 34.0919, -14.7757 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(102, 114, 188)` looks like.

```
.text, #text, p{  
    color:rgb(102, 114, 188)  
}
```

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(102, 114, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 114, 188) }
```

Border

The CSS property to change the border of an element to YUV 118.8480, 34.0919, -14.7757 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(102, 114, 188) }
```


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

```
.border{ border-color:rgb(102, 114, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 114, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 114, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 114, 188); box-shadow:4px 4px 4px 4px rgb(102, 114, 188) }
```

Background

The CSS property to change the background color of an element to YUV 118.8480, 34.0919, -14.7757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 114, 188) }
```

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

```
.background{ background-color: rgb(102,  
114, 188) }
```

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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