

Converting Colors

YUV(118.2440, 36.8547,
-14.2460)

Have a look what the booklet for
YUV(118.2440, 36.8547, -14.2460)
contains.

| | |
|--|----|
| YUV(118.2440, 36.8547, -14.2460) | 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(118.2440, 36.8547,
-14.2460)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 6670C1 |
| RGB | 102, 112, 193 |
| RGB Percent | 40%, 44%, 76% |
| CMY | 0.6000, 0.5608, 0.2431 |
| CMYK | 0.47, 0.42, 0.00, 0.24 |
| HSL | 233°, 42%, 58% |
| HSV | 233°, 47%, 76% |
| XYZ | 20.8993, 18.2634, 52.8757 |
| YIQ | 118.2440, -31.9610, 23.0710 |

Conversions

Conversions Part 2

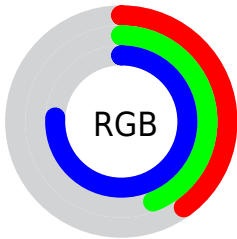
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 102, 111, 193 |
| Decimal | 6713537 |
| CIE Lab | 49.81, 18.11, -43.73 |
| CIE LCh | 50, 47.331, 292.491 |
| Yxy | 18.2634, 0.2271, 0.1984 |
| Android (android.graphics.Color) | 4284903617 (0xFF6670C1) |
| YUV | 118.2440, 36.8547, -14.2460 |
| Hunter-Lab | 42.7357, 12.5056, -43.4430 |

Details

The YUV color $118.2440, 36.8547, -14.2460$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $176.7560, -36.8547, 14.2460$, and the grayscale version is $118.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $171.7110, 38.5965, -12.9015$, and $67.4560, 35.2712, -19.6939$ is the 20% darker color. If you saturate the color by 10%, you get $102.5840, 44.5751, -17.1752$, and if you desaturate by 10%, it is $133.9040, 29.1343, -11.3168$.

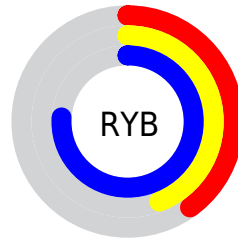
Distribution



Red (40%)

Green (44%)

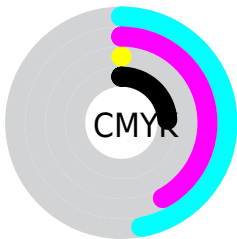
Blue (76%)



Red (40%)

Yellow (44%)

Blue (76%)

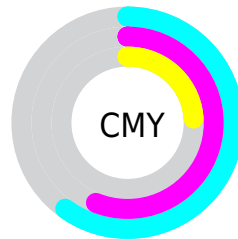


Cyan (47%)

Magenta (42%)

Yellow (0%)

Black (24%)



Cyan (60%)

Magenta (56%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.2440, 36.8547, -14.2460 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 118.2440, 36.8547, -14.2460 by changing the saturation by 10% instead.

■ 118.2440, 36.8547,
-14.2460

■ 118.2440, 36.8547,
-14.2460

■ 255.0000, 0.0000,
0.0000

■ 92.7060, 36.1339,
-16.4052

■ 171.7110, 38.5965,
-12.9015

■ 67.4560, 35.2712,
-19.6939

■ 196.8010, 28.6921,
-9.4725

■ 39.6180, 36.1773,
-30.3600

■ 221.0220, 16.7512,
-6.1583

■ 23.5330, 31.7822,
-20.6384

■ 247.0150, 3.9366,
-2.6442

■ 7.2960, 27.9551,
-6.3986

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 118.2440, 36.8547,
-14.2460

■ 118.2440, 36.8547,
-14.2460

■ 102.5840, 44.5751,
-17.1752

■ 133.9040, 29.1343,
-11.3168

■ 86.6250, 52.4429,
-20.7191

■ 149.8630, 21.2665,
-7.7729

■ 70.3780, 60.4526,
-23.1335

■ 166.1100, 13.2568,
-5.3585

■ 54.7180, 68.1730,
-26.0627

■ 181.7700, 5.5364,
-2.4293

■ 38.7590, 76.0408,
-29.6066

■ 197.7290, -2.3314,
1.1147

■ 34.3290, 78.2248,
-30.1065

■ 213.3890,
-10.0518, 4.0438

■ 229.0490,
-17.7722, 6.9730

■ 244.4100,
-25.3451, 9.2874

■ 247.9320,
-27.0815, 6.1986

Harmonies

Analogous

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



96.5340, 50.0227, -84.6603



118.2440, 36.8547, -14.2460



122.1590, 22.5996, 31.4326

Triad

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



118.2440, 36.8547, -14.2460



116.1320, -30.1381, 53.3812



92.6170, 7.0908, -81.2251

Complementary

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



118.2440, 36.8547, -14.2460



176.7560, -36.8547, 14.2460

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.



103.6490, -18.0680, -38.2802



118.2440, 36.8547, -14.2460



114.6440, -40.2505, 30.1302

Square

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



118.2440, 36.8547, -14.2460



116.9760, -13.2992, 65.7960



110.8960, -35.9377, 0.0912



97.8780, 24.7101, -85.8390

Rectangle

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



118.2440, 36.8547, -14.2460



120.7180, 11.4780, 51.9903



110.8960, -35.9377, 0.0912



90.4340, 1.2650, -79.3106

Sweetspot

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



118.2440, 36.8547, -14.2460



221.3380, 14.1304, -5.5584



164.5370, 8.6093, -54.8449



107.5680, 8.5940, -3.1291



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



118.2440, 36.8547, -14.2460



132.6940, 57.8319, -22.5336



122.8390, 34.5894, 12.4192



88.7270, 4.0786, -1.5146



28.9200, 65.1154, -25.3628



6.1100, 13.2568, -5.3585

Inverse Universe

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



130.3490, -9.0461, 54.9449



151.5810, -14.0904, 86.3135



172.1610, -34.5894, -12.4192



90.1040, -1.0373, 6.0478



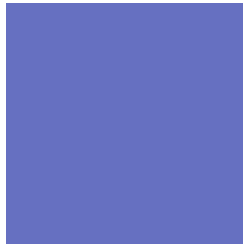
50.1910, -15.8702, 97.1795



10.3230, -3.1172, 19.8877

Previews

White Background



This preview shows how the YUV color 118.2440, 36.8547, -14.2460 looks on a white background.

Color Contrast Check

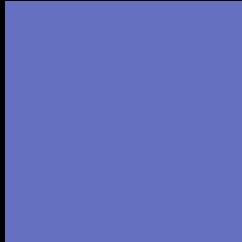
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.2440, 36.8547, -14.2460 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 118.2440, 36.8547, -14.2460

Background



This preview shows how black text looks on a background with the YUV color 118.2440, 36.8547, -14.2460.



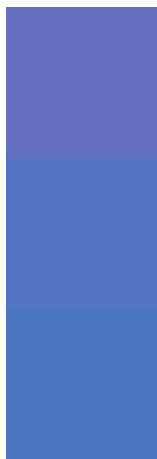
This preview shows how white text looks on a background with the YUV color 118.2440, 36.8547, -14.2460.

-14.2460.

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

118.2440, 36.8547, -14.2460

Protanopia

115.8510, 39.5135, -27.0563

Deuteranopia

113.7530, 38.0828, -34.8634



Tritanopia

114.1800, 10.2643, -25.5909

Trichromacy



Original Color

118.2440, 36.8547, -14.2460

Protanomaly

116.9440, 38.4816, -22.7529

Deuteranomaly

115.0960, 37.9137, -27.2712

Tritanomaly

115.4330, 19.9995, -21.4277

Monochromacy



Original Color

118.2440, 36.8547, -14.2460

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1100, 13.2568, -5.3585

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.2440, 36.8547, -14.2460 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, 112, 193)` looks like.

```
.text, #text, p{  
    color:rgb(102, 112, 193)  
}
```

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, 112, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 112, 193) }
```

Border

The CSS property to change the border of an element to YUV 118.2440, 36.8547, -14.2460 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, 112, 193) }
```


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

```
.border{ border-color:rgb(102, 112, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 112, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 112, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 112, 193);  
box-shadow:4px 4px 4px 4px rgb(102, 112,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 118.2440, 36.8547, -14.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 112, 193) }
```

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

```
.background{ background-color: rgb(102,  
112, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor