

Converting Colors

YUV(118.6030, 52.4537,
-24.2078)

Have a look what the booklet for
YUV(118.6030, 52.4537, -24.2078)
contains.

YUV(118.6030, 52.4537, -24.2078)	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>	30

Color

**YUV(118.6030, 52.4537,
-24.2078)**

Conversions

Conversions Part 1

Format	Color
Hex	5B70E1
RGB	91, 112, 225
RGB Percent	36%, 44%, 88%
CMY	0.6431, 0.5608, 0.1176
CMYK	0.60, 0.50, 0.00, 0.12
HSL	231°, 69%, 62%
HSV	231°, 60%, 88%
XYZ	23.6992, 19.2487, 73.7005
YIQ	118.6030, -48.7890, 30.6910

Conversions

Conversions Part 2

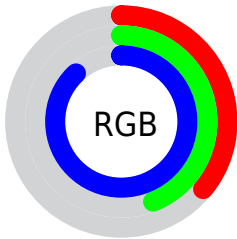
Format	Color
R_{YB}	91, 109, 225
Decimal	5992673
CIE _{Lab}	50.98, 26.01, -60.13
CIE _{LCh}	51, 65.511, 293.393
Yxy	19.2487, 0.2032, 0.1650
Android (android.graphics.Color)	4284182753 (0xFF5B70E1)
YUV	118.6030, 52.4537, -24.2078
Hunter-Lab	43.8734, 19.6423, -68.8866

Details

The YUV color **118.6030, 52.4537, -24.2078** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **197.3970, -52.4537, 24.2078**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.9000, 41.9543, -16.5753**, and **58.6170, 54.4188, -47.8991** is the 20% darker color. If you saturate the color by 10%, you get **100.8720, 61.1951, -27.9517**, and if you desaturate by 10%, it is **136.6330, 43.5649, -19.8491**.

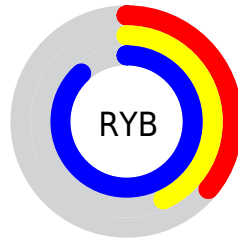
Distribution



Red (36%)

Green (44%)

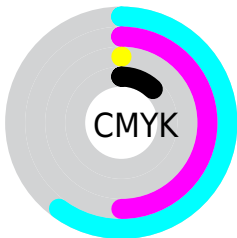
Blue (88%)



Red (36%)

Yellow (43%)

Blue (88%)

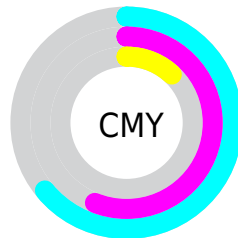


Cyan (60%)

Magenta (50%)

Yellow (0%)

Black (12%)



Cyan (64%)

Magenta (56%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.6030, 52.4537, -24.2078 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 118.6030, 52.4537, -24.2078 by changing the saturation by 10% instead.

■ 118.6030, 52.4537,
-24.2078

■ 118.6030, 52.4537,
-24.2078

■ 255.0000, 0.0000,
0.0000

■ 91.4560, 52.0332,
-29.3409

■ 169.9000, 41.9543,
-16.5753

■ 58.6170, 54.4188,
-47.8991

■ 194.7190, 29.7185,
-12.0316

■ 41.4290, 49.5815,
-36.3332

■ 220.1250, 17.1934,
-8.0026

■ 27.3120, 43.7232,
-23.9526

■ 246.1180, 4.3788,
-4.4885

■ 10.2600, 39.3118,
-8.9980

■ 11.6330, 26.8029,
-10.2021

■ 6.6630, 17.9141,

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 118.6030, 52.4537,
-24.2078

■ 118.6030, 52.4537,
-24.2078

■ 100.8720, 61.1951,
-27.9517

■ 136.6330, 43.5649,
-19.8491

■ 82.8420, 70.0839,
-32.3104

■ 154.3640, 34.8235,
-16.1052

■ 65.1110, 78.8253,
-36.0543

■ 172.3940, 25.9348,
-11.7465

■ 47.0810, 87.7141,
-40.4130

■ 190.1250, 17.1934,
-8.0026

■ 46.1950, 88.1509,
-40.5130

■ 208.1550, 8.3046,
-3.6439

■ 225.8860, -0.4368,
0.1000

■ 243.9160, -9.3256,
4.4587

■ 251.5800,
-13.1039, 2.9993

Harmonies

Analogous

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



104.0460, 63.5743, -91.2483



118.6030, 52.4537, -24.2078



123.4780, 32.3023, 46.0618

Triad

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



118.6030, 52.4537, -24.2078



114.6260, -42.7066, 71.3650



97.9000, 4.4863, -85.8583

Complementary

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



118.6030, 52.4537, -24.2078



197.3970, -52.4537, 24.2078

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.



88.3530, -19.4010, -77.4856



118.6030, 52.4537, -24.2078



114.4480, -56.4229, 37.3181

Square

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



118.6030, 52.4537, -24.2078



112.5710, -15.5645, 92.4612



107.9930, -53.2405, -3.5019



104.3980, 29.3838, -91.5570

Rectangle

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



118.6030, 52.4537, -24.2078



117.7070, 18.3854, 76.5560



107.9930, -53.2405, -3.5019



95.0330, -3.9603, -83.3439

Sweetspot

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



118.6030, 52.4537, -24.2078



218.3530, 18.0670, -8.2026



182.4260, 10.1430, -80.1806



105.2410, 11.2202, -5.4734



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



118.6030, 52.4537, -24.2078



111.0700, 70.9575, -32.5104



119.7310, 51.8976, 14.2679



103.4280, 4.2260, -2.1294



36.5000, 68.7735, -32.0105



10.1680, 18.6512, -8.9173

Inverse Universe

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



133.4600, -10.5798, 80.2806



131.3110, -14.4503, 108.4753



196.2690, -51.8976, -14.2679



104.5170, -0.7479, 6.5626



55.8160, -13.7133, 105.4014



15.2640, -3.5812, 28.7095

Previews

White Background



This preview shows how the YUV color 118.6030, 52.4537, -24.2078 looks on a white background.

Color Contrast Check

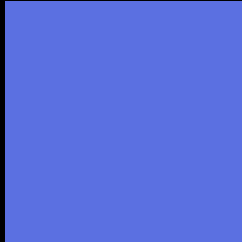
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.6030, 52.4537, -24.2078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

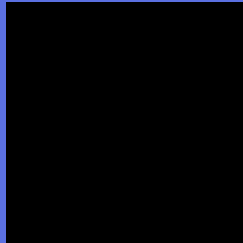
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.6030, 52.4537, -24.2078

Background



This preview shows how black text looks on a background with the YUV color 118.6030, 52.4537, -24.2078.



This preview shows how white text looks on a background with the YUV color 118.6030, 52.4537, -24.2078.

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

118.6030, 52.4537, -24.2078

Protanopia

111.9420, 58.2026, -48.1841

Tritanopia

109.9320, 16.3025, -49.0524

Trichromacy



Original Color

118.6030, 52.4537, -24.2078

Protanomaly

114.1280, 56.1389, -39.5773

Tritanomaly

113.1300, 29.5159, -40.4560

Monochromacy



Original Color

118.6030, 52.4537, -24.2078

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.6950, 19.3774, -8.5025

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.6030, 52.4537, -24.2078 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(91, 112, 225)` looks like.

```
.text, #text, p{  
    color:rgb(91, 112, 225)  
}
```

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(91, 112, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 112, 225) }
```

Border

The CSS property to change the border of an element to YUV 118.6030, 52.4537, -24.2078 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(91, 112, 225) }
```

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

```
.border{ border-color:rgb(91, 112, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 112, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 112, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 112, 225);  
box-shadow:4px 4px 4px 4px rgb(91, 112,  
225) }
```


Background

The CSS property to change the background color of an element to YUV 118.6030, 52.4537, -24.2078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 112, 225) }
```

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

```
.background{ background-color: rgb(91, 112,  
225) }
```

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