

Converting Colors

YUV(118.9770, 48.3253,
-53.4768)

Have a look what the booklet for
YUV(118.9770, 48.3253, -53.4768)
contains.

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Color

**YUV(118.9770, 48.3253,
-53.4768)**

Conversions

Conversions Part 1

Format	Color
Hex	3A83D9
RGB	58, 131, 217
RGB Percent	23%, 51%, 85%
CMY	0.7725, 0.4863, 0.1490
CMYK	0.73, 0.40, 0.00, 0.15
HSL	212°, 68%, 54%
HSV	212°, 73%, 85%
XYZ	22.3856, 22.1419, 68.7396
YIQ	118.9770, -71.1140, 11.2700

Conversions

Conversions Part 2

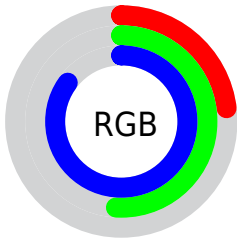
Format	Color
R _Y B	58, 108, 217
Decimal	3834841
CIE Lab	54.18, 6.29, -50.58
CIE LCh	54, 50.966, 277.090
Yxy	22.1419, 0.1976, 0.1955
Android (android.graphics.Color)	4282024921 (0xFF3A83D9)
YUV	118.9770, 48.3253, -53.4768
Hunter-Lab	47.0552, 2.5714, -53.6740

Details

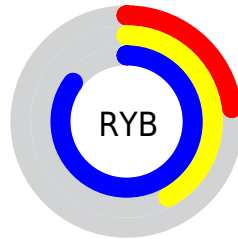
The YUV color **118.9770, 48.3253, -53.4768** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **156.0230, -48.3253, 53.4768**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.1540, 39.8571, -43.9851**, and **66.4880, 46.5944, -58.3100** is the 20% darker color. If you saturate the color by 10%, you get **105.3550, 55.0410, -60.8243**, and if you desaturate by 10%, it is **132.5990, 41.6097, -46.1293**.

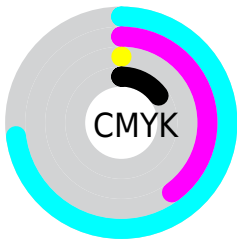
Distribution



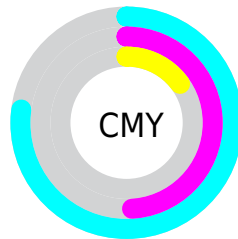
- Red (23%)
- Green (51%)
- Blue (85%)



- Red (23%)
- Yellow (42%)
- Blue (85%)



- Cyan (73%)
- Magenta (40%)
- Yellow (0%)
- Black (15%)



- Cyan (77%)
- Magenta (49%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.9770, 48.3253, -53.4768 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 118.9770, 48.3253, -53.4768 by changing the saturation by 10% instead.

■ 118.9770, 48.3253,
-53.4768

■ 118.9770, 48.3253,
-53.4768

255.0000, 0.0000,
0.0000

■ 83.7680, 51.8794,
-73.4645

■ 174.1540, 39.8571,
-43.9851

■ 66.4880, 46.5944,
-58.3100

■ 199.2720, 27.4739,
-38.8265

■ 50.6100, 41.6043,
-44.3850

■ 224.6780, 14.9487,
-34.7976

■ 35.3190, 36.3247,
-30.9748

■ 243.0400, 5.8963,
-24.5911

■ 20.7290, 31.1926,
-18.1793

■ 252.0100, 1.4741,
-6.1478

■ 10.3620, 24.4715,
-9.0875

■ 5.5060, 16.0195,

-4.8288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 118.9770, 48.3253,
-53.4768

■ 118.9770, 48.3253,
-53.4768

■ 105.3550, 55.0410,
-60.8243

■ 132.5990, 41.6097,
-46.1293

■ 92.6190, 61.3198,
-68.0719

■ 145.3350, 35.3308,
-38.8818

■ 83.4380, 65.8461,
-73.1751

■ 158.9570, 28.6152,
-31.5343

■ 172.5790, 21.8996,
-24.1868

■ 185.9020, 15.3313,
-17.4541

■ 198.9370, 8.9051,
-9.5917

■ 212.5590, 2.1894,
-2.2442

■ 226.1810, -4.5262,
5.1033

■ 239.5040,
-11.0945, 11.8360

Harmonies

Analogous

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



107.8810, 50.3447, -94.6116



118.9770, 48.3253, -53.4768



132.4860, 33.2844, 10.9748

Triad

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



118.9770, 48.3253, -53.4768



127.5280, -23.9243, 67.0659



98.1900, -2.0657, -84.3586

Complementary

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



118.9770, 48.3253, -53.4768



156.0230, -48.3253, 53.4768

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.



118.6270, -31.3681, -18.9669



118.9770, 48.3253, -53.4768



126.5690, -39.7205, 46.8590

Square

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



118.9770, 48.3253, -53.4768



128.8270, -3.8587, 71.1887



123.5300, -44.1383, 17.0752



104.4830, 17.0169, -91.6316

Rectangle

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



118.9770, 48.3253, -53.4768



133.1000, 22.1357, 40.2543



123.5300, -44.1383, 17.0752



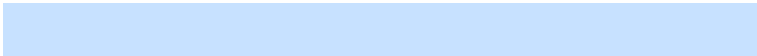
111.1420, -15.8460, -50.9905

Sweetspot

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



118.9770, 48.3253, -53.4768



220.6460, 16.9365, -18.9835



161.0230, -8.8853, -90.3512



107.2680, 10.2209, -11.6360



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.



118.9770, 48.3253, -53.4768



116.9970, 68.0355, -75.4194



77.6210, 68.7138, -12.8226



103.1890, 3.3578, -3.6738



66.6820, 52.4148, -58.4801



17.5710, 14.0155, -15.4098

Inverse Universe

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



113.8630, 8.4485, 90.4511



109.7180, 11.9710, 127.4123



197.3790, -68.7138, 12.8226



102.8590, 0.5625, 6.2627



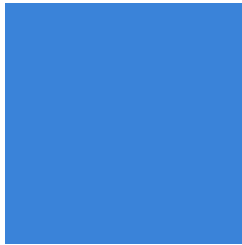
60.8470, 9.4424, 98.3582



16.1480, 2.3920, 26.1802

Previews

White Background



This preview shows how the YUV color 118.9770, 48.3253, -53.4768 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 118.9770, 48.3253, -53.4768 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 118.9770, 48.3253, -53.4768

Background



This preview shows how black text looks on a background with the YUV color 118.9770, 48.3253, -53.4768.



This preview shows how white text looks on a background with the YUV color 118.9770, 48.3253, -53.4768.

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

118.9770, 48.3253, -53.4768

Protanopia

126.2360, 42.2817, -28.2710

Deuteranopia

120.7820, 47.4355, -48.0438



Tritanopia

101.4970, 25.8840, -89.0129

Trichromacy



Original Color

118.9770, 48.3253, -53.4768

Protanomaly

123.7510, 44.4928, -37.4926

Deuteranomaly

119.8850, 47.8777, -49.8881

Tritanomaly

108.0500, 33.9924, -76.3428

Monochromacy



Original Color

118.9770, 48.3253, -53.4768

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.8740, 17.8101, -19.1835

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.9770, 48.3253, -53.4768 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(58, 131, 217)` looks like.

```
.text, #text, p{  
    color:rgb(58, 131, 217)  
}
```

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(58, 131, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 131, 217) }
```

Border

The CSS property to change the border of an element to YUV 118.9770, 48.3253, -53.4768 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(58, 131, 217) }
```


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

```
.border{ border-color:rgb(58, 131, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 131, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 131, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 131, 217);  
box-shadow:4px 4px 4px 4px rgb(58, 131,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 118.9770, 48.3253, -53.4768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 131, 217) }
```

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

```
.background{ background-color: rgb(58, 131,  
217) }
```

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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