

Converting Colors

YUV(119.3040, 45.6991,
-51.1326)

Have a look what the booklet for
YUV(119.3040, 45.6991, -51.1326)
contains.

YUV(119.3040, 45.6991, -51.1326)	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(119.3040, 45.6991,
-51.1326)**

Conversions

Conversions Part 1

Format	Color
Hex	3D83D4
RGB	61, 131, 212
RGB Percent	24%, 51%, 83%
CMY	0.7608, 0.4863, 0.1686
CMYK	0.71, 0.38, 0.00, 0.17
HSL	212°, 64%, 54%
HSV	212°, 71%, 83%
XYZ	21.9244, 21.9782, 65.3740
YIQ	119.3040, -67.7210, 10.3510

Conversions

Conversions Part 2

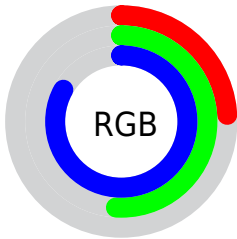
Format	Color
R_{YB}	61, 109, 212
Decimal	4031444
CIE _{Lab}	54.00, 4.90, -48.03
CIE _{LCh}	54, 48.278, 275.828
Yxy	21.9782, 0.2006, 0.2011
Android (android.graphics.Color)	4282221524 (0xFF3D83D4)
YUV	119.3040, 45.6991, -51.1326
Hunter-Lab	46.8809, 1.4362, -49.8616

Details

The YUV color **119.3040, 45.6991, -51.1326** 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 **153.6960, -45.6991, 51.1326**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.4530, 39.7097, -43.3703**, and **66.0320, 44.8472, -57.9101** is the 20% darker color. If you saturate the color by 10%, you get **106.5680, 51.9780, -58.3801**, and if you desaturate by 10%, it is **132.0400, 39.4203, -43.8851**.

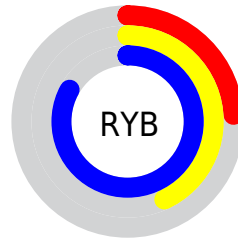
Distribution



Red (24%)

Green (51%)

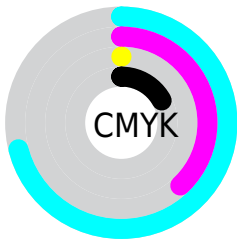
Blue (83%)



Red (24%)

Yellow (43%)

Blue (83%)

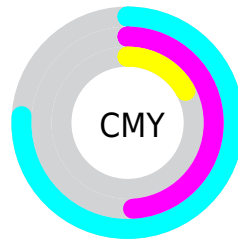


Cyan (71%)

Magenta (38%)

Yellow (0%)

Black (17%)



Cyan (76%)

Magenta (49%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.3040, 45.6991, -51.1326 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 119.3040, 45.6991, -51.1326 by changing the saturation by 10% instead.

■ 119.3040, 45.6991,
-51.1326

■ 119.3040, 45.6991,
-51.1326

■ 255.0000, 0.0000,
0.0000

■ 85.5900, 48.5161,
-68.0464

■ 174.4530, 39.7097,
-43.3703

■ 66.0320, 44.8472,
-57.9101

■ 199.2720, 27.4739,
-38.8265

■ 50.0400, 39.4203,
-43.8851

■ 224.6780, 14.9487,
-34.7976

■ 34.8630, 34.5775,
-30.5749

■ 243.0400, 5.8963,
-24.5911

■ 19.6860, 29.7348,
-17.2646

■ 252.3090, 1.3267,
-5.5330

■ 9.3190, 23.0137,
-8.1728

■ 5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 119.3040, 45.6991,
-51.1326

■ 119.3040, 45.6991,
-51.1326

■ 106.5680, 51.9780,
-58.3801

■ 132.0400, 39.4203,
-43.8851

■ 93.2450, 58.5462,
-65.1129

■ 145.3630, 32.8520,
-37.1524

■ 81.6940, 64.2409,
-71.6456

■ 158.3980, 26.4258,
-29.2900

■ 171.1340, 20.1469,
-22.0425

■ 184.4570, 13.5787,
-15.3098

■ 197.1930, 7.2999,
-8.0623

■ 210.5160, 0.7316,
-1.3295

■ 223.5510, -5.6946,
6.5328

■ 236.2870,
-11.9735, 13.7803

Harmonies

Analogous

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



106.7240, 48.4501, -93.5969



119.3040, 45.6991, -51.1326



132.4210, 31.8374, 8.4008

Triad

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



119.3040, 45.6991, -51.1326



127.6740, -22.0243, 64.3069



106.1600, -6.4879, -65.9153

Complementary

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



119.3040, 45.6991, -51.1326



153.6960, -45.6991, 51.1326

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.



119.5780, -30.3580, -16.2929



119.3040, 45.6991, -51.1326



126.9540, -36.9523, 45.6443

Square

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



119.3040, 45.6991, -51.1326



128.7340, -2.8269, 66.8853



123.9260, -41.3755, 17.6049



103.5540, 15.9959, -90.8169

Rectangle

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



119.3040, 45.6991, -51.1326



132.5510, 21.4204, 36.3508



123.9260, -41.3755, 17.6049



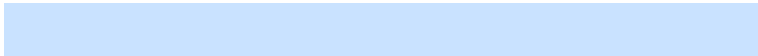
112.7730, -16.1571, -44.5279

Sweetspot

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



119.3040, 45.6991, -51.1326



221.8310, 16.3523, -18.2688



158.8710, -8.3174, -85.8329



107.8660, 9.9261, -10.4065



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.



119.3040, 45.6991, -51.1326



122.0250, 65.5567, -73.6899



79.7090, 65.2195, -12.0228



100.1890, 3.3578, -3.6738



65.8670, 51.8306, -57.7654



16.6420, 12.9945, -14.5950

Inverse Universe

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



114.1290, 8.3174, 85.8329



114.3970, 12.1293, 123.3088



193.2910, -65.2195, 12.0228



99.8590, 0.5625, 6.2627



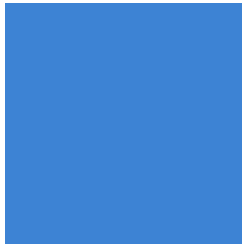
60.1350, 9.3004, 97.2286



15.1370, 2.3975, 24.4359

Previews

White Background



This preview shows how the YUV color 119.3040, 45.6991, -51.1326 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 119.3040, 45.6991, -51.1326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

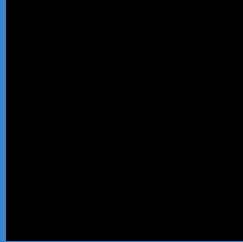
Any Text WCAG AA ✓ Pass

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 119.3040, 45.6991, -51.1326 Background



This preview shows how black text looks on a background with the YUV color 119.3040, 45.6991, -51.1326.

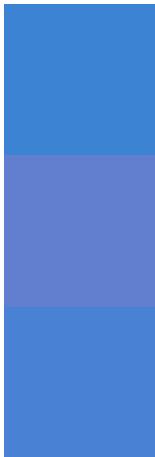


This preview shows how white text looks on a background with the YUV color 119.3040, 45.6991, -51.1326.

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

119.3040, 45.6991, -51.1326

Protanopia

126.5630, 39.6554, -25.9268

Deuteranopia

121.7180, 44.5090, -42.7257



Tritanopia

101.4970, 25.8840, -89.0129

Trichromacy



Original Color

119.3040, 45.6991, -51.1326

Protanomaly

124.0780, 41.8665, -35.1484

Deuteranomaly

121.1090, 44.8093, -45.6996

Tritanomaly

108.1210, 32.9713, -75.5281

Monochromacy



Original Color

119.3040, 45.6991, -51.1326

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.9450, 16.7891, -18.3688

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.3040, 45.6991, -51.1326 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(61, 131, 212)` looks like.

```
.text, #text, p{  
    color:rgb(61, 131, 212)  
}
```

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(61, 131, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 131, 212) }
```

Border

The CSS property to change the border of an element to YUV 119.3040, 45.6991, -51.1326 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(61, 131, 212) }
```


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

```
.border{ border-color:rgb(61, 131, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 131, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 131, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 131, 212);  
box-shadow:4px 4px 4px 4px rgb(61, 131,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 119.3040, 45.6991, -51.1326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 131, 212) }
```

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

```
.background{ background-color: rgb(61, 131,  
212) }
```

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