

Converting Colors

YUV(115.9050, 40.9658,
-26.2267)

Have a look what the booklet for
YUV(115.9050, 40.9658, -26.2267)
contains.

YUV(115.9050, 40.9658, -26.2267)	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(115.9050, 40.9658,
-26.2267)**

Conversions

Conversions Part 1

Format	Color
Hex	5673C7
RGB	86, 115, 199
RGB Percent	34%, 45%, 78%
CMY	0.6627, 0.5490, 0.2196
CMYK	0.57, 0.42, 0.00, 0.22
HSL	225°, 50%, 56%
HSV	225°, 57%, 78%
XYZ	20.2773, 18.3634, 56.5086
YIQ	115.9050, -44.2480, 19.9760

Conversions

Conversions Part 2

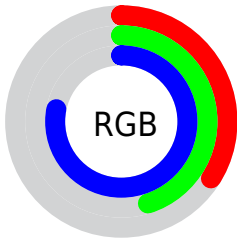
Format	Color
R_{YB}	86, 109, 199
Decimal	5665735
CIE _{Lab}	49.93, 14.57, -47.05
CIE _{LCh}	50, 49.248, 287.202
Yxy	18.3634, 0.2131, 0.1930
Android (android.graphics.Color)	4283855815 (0xFF5673C7)
YUV	115.9050, 40.9658, -26.2267
Hunter-Lab	42.8526, 9.4719, -48.1874

Details

The YUV color **115.9050, 40.9658, -26.2267** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **169.0950, -40.9658, 26.2267**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8560, 41.9760, -23.5527**, and **60.8170, 41.0092, -40.1815** is the 20% darker color. If you saturate the color by 10%, you get **101.1200, 48.2548, -30.8002**, and if you desaturate by 10%, it is **130.6900, 33.6768, -21.6531**.

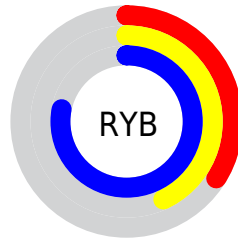
Distribution



Red (34%)

Green (45%)

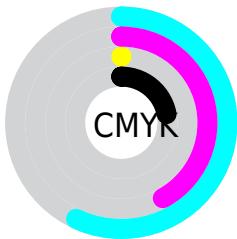
Blue (78%)



Red (34%)

Yellow (43%)

Blue (78%)

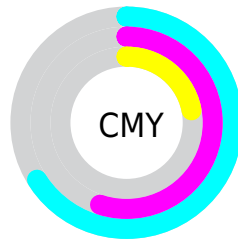


Cyan (57%)

Magenta (42%)

Yellow (0%)

Black (22%)



Cyan (66%)

Magenta (55%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.9050, 40.9658, -26.2267 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 115.9050, 40.9658, -26.2267 by changing the saturation by 10% instead.

■ 115.9050, 40.9658,
-26.2267

■ 115.9050, 40.9658,
-26.2267

255.0000, 0.0000,
0.0000

■ 89.6550, 40.1031,
-29.5154

■ 169.8560, 41.9760,
-23.5527

■ 60.8170, 41.0092,
-40.1815

■ 194.3760, 29.8876,
-19.6238

■ 40.4540, 38.2302,
-35.4782

■ 218.8960, 17.7993,
-15.6948

■ 25.8640, 33.0980,
-22.6827

■ 244.8890, 4.9847,
-12.1807

■ 7.8660, 30.1391,
-6.8985

■ 7.0050, 19.2245,
-6.1434

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 115.9050, 40.9658,
-26.2267

■ 115.9050, 40.9658,
-26.2267

■ 101.1200, 48.2548,
-30.8002

■ 130.6900, 33.6768,
-21.6531

■ 86.3350, 55.5438,
-35.3738

■ 145.4750, 26.3878,
-17.0796

■ 72.1370, 62.5435,
-40.4621

■ 159.6730, 19.3882,
-11.9912

■ 57.3520, 69.8325,
-45.0357

■ 174.4580, 12.0992,
-7.4177

■ 52.6230, 72.1639,
-46.1504

■ 189.2430, 4.8102,
-2.8441

■ 203.7290, -2.3314,
1.1147

■ 218.5140, -9.6204,
5.6882

■ 232.7120,
-16.6200, 10.7766

■ 244.5070,
-22.4350, 9.2024

Harmonies

Analogous

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



98.5230, 50.0282, -86.4047



115.9050, 40.9658, -26.2267



122.1520, 26.5471, 25.2997

Triad

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



115.9050, 40.9658, -26.2267



116.6210, -28.4072, 58.2144



92.2920, 3.3070, -80.9401

Complementary

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



115.9050, 40.9658, -26.2267



169.0950, -40.9658, 26.2267

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.



105.4280, -22.8890, -31.9474



115.9050, 40.9658, -26.2267



114.8620, -40.8510, 36.0780

Square

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



115.9050, 40.9658, -26.2267



116.7960, -10.2524, 68.5849



111.6040, -39.7378, 5.6093



97.7810, 21.8000, -85.7539

Rectangle

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



115.9050, 40.9658, -26.2267



120.7330, 15.4146, 49.3462



111.6040, -39.7378, 5.6093



90.1090, -2.5187, -79.0256

Sweetspot

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



115.9050, 40.9658, -26.2267



223.3590, 15.5990, -9.9618



161.7930, 3.5531, -66.4705



109.0730, 9.3310, -6.2030



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.



115.9050, 40.9658, -26.2267



127.5500, 62.8329, -39.9473



106.6560, 45.5256, 4.6867



92.2000, 3.3524, -1.9294



43.2360, 59.0437, -37.9180



9.3870, 13.1202, -8.2324

Inverse Universe

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



123.0930, -3.9898, 66.5704



138.7430, -6.2823, 101.9574



178.3440, -45.5256, -4.6867



92.9190, -0.4531, 5.3330



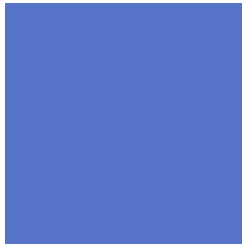
53.5250, -5.6818, 96.0096



11.7900, -1.3755, 21.2322

Previews

White Background



This preview shows how the YUV color 115.9050, 40.9658, -26.2267 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 115.9050, 40.9658, -26.2267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

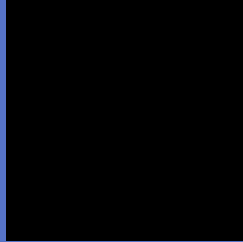
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.9050, 40.9658, -26.2267

Background



This preview shows how black text looks on a background with the YUV color 115.9050, 40.9658, -26.2267.

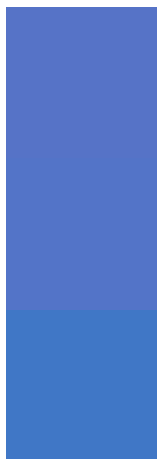


This preview shows how white text looks on a background with the YUV color 115.9050, 40.9658, -26.2267.

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

115.9050, 40.9658, -26.2267

Protanopia

115.7090, 41.5555, -28.6858

Deuteranopia

111.5610, 42.6144, -41.7110



Tritanopia

109.5200, 14.5336, -41.6750

Trichromacy



Original Color

115.9050, 40.9658, -26.2267

Protanomaly

116.0080, 41.4081, -28.0710

Deuteranomaly

113.3660, 41.7246, -36.2780

Tritanomaly

111.7840, 24.2635, -35.7676

Monochromacy



Original Color

115.9050, 40.9658, -26.2267

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1310, 14.7254, -9.7619

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.9050, 40.9658, -26.2267 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(86, 115, 199)` looks like.

```
.text, #text, p{  
    color:rgb(86, 115, 199)  
}
```

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(86, 115, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 115, 199) }
```

Border

The CSS property to change the border of an element to YUV 115.9050, 40.9658, -26.2267 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(86, 115, 199) }
```


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

```
.border{ border-color:rgb(86, 115, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 115, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 115, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 115, 199);  
box-shadow:4px 4px 4px 4px rgb(86, 115,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 115.9050, 40.9658, -26.2267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 115, 199) }
```

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

```
.background{ background-color: rgb(86, 115,  
199) }
```

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