

Converting Colors

YUV(121.1840, 34.4193,
-26.4714)

Have a look what the booklet for
YUV(121.1840, 34.4193, -26.4714)
contains.

YUV(121.1840, 34.4193, -26.4714)	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(121.1840, 34.4193,
-26.4714)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7BBF
RGB	91, 123, 191
RGB Percent	36%, 48%, 75%
CMY	0.6431, 0.5176, 0.2510
CMYK	0.52, 0.36, 0.00, 0.25
HSL	221°, 44%, 55%
HSV	221°, 52%, 75%
XYZ	20.8013, 20.1517, 52.0835
YIQ	121.1840, -40.9000, 14.3640

Conversions

Conversions Part 2

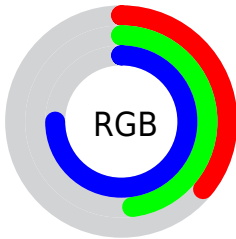
Format	Color
R _Y B	91, 115, 191
Decimal	5995455
CIE Lab	52.01, 8.18, -39.16
CIE LCh	52, 40.003, 281.793
Yxy	20.1517, 0.2236, 0.2166
Android (android.graphics.Color)	4284185535 (0xFF5B7BBF)
YUV	121.1840, 34.4193, -26.4714
Hunter-Lab	44.8906, 4.1544, -37.3668

Details

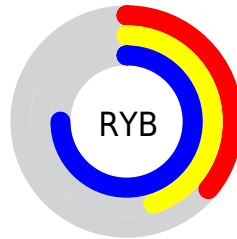
The YUV color **121.1840, 34.4193, -26.4714** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **160.8160, -34.4193, 26.4714**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.9500, 36.0137, -24.5121**, and **68.6130, 33.7148, -33.8636** is the 20% darker color. If you saturate the color by 10%, you get **107.8720, 40.9821, -31.4597**, and if you desaturate by 10%, it is **134.4960, 27.8565, -21.4830**.

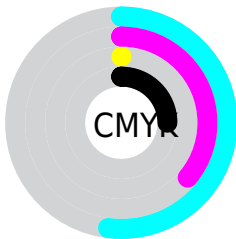
Distribution



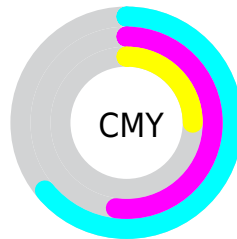
- Red (36%)
- Green (48%)
- Blue (75%)



- Red (36%)
- Yellow (45%)
- Blue (75%)



- Cyan (52%)
- Magenta (36%)
- Yellow (0%)
- Black (25%)



- Cyan (64%)
- Magenta (52%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.1840, 34.4193, -26.4714 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 121.1840, 34.4193, -26.4714 by changing the saturation by 10% instead.

■ 121.1840, 34.4193,
-26.4714

■ 121.1840, 34.4193,
-26.4714

■ 255.0000, 0.0000,
0.0000

■ 95.0590, 33.9879,
-28.1157

■ 174.9500, 36.0137,
-24.5121

■ 68.6130, 33.7148,
-33.8636

■ 200.5560, 26.8409,
-22.4126

■ 43.7650, 33.1469,
-38.3819

■ 225.6630, 14.4631,
-18.9985

■ 28.7020, 28.7409,
-25.1717

■ 248.4220, 3.2430,
-13.5251

■ 11.2910, 25.4925,
-9.9022

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 121.1840, 34.4193,
-26.4714

■ 121.1840, 34.4193,
-26.4714

■ 107.8720, 40.9821,
-31.4597

■ 134.4960, 27.8565,
-21.4830

■ 94.5600, 47.5449,
-36.4481

■ 147.8080, 21.2937,
-16.4946

■ 81.2480, 54.1077,
-41.4365

■ 161.1200, 14.7308,
-11.5062

■ 67.9360, 60.6706,
-46.4249

■ 174.4320, 8.1680,
-6.5179

■ 57.5810, 65.7756,
-50.4985

■ 188.0430, 1.4578,
-0.9147

■ 201.3550, -5.1050,
4.0737

■ 214.6670,
-11.6678, 9.0620

■ 227.9790,
-18.2306, 14.0504

■ 238.8990,
-23.6142, 14.1206

Harmonies

Analogous

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



99.6170, 44.0658, -87.3641



121.1840, 34.4193, -26.4714



127.5760, 23.3800, 14.4038

Triad

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



121.1840, 34.4193, -26.4714



123.4120, -21.4021, 51.3817



105.6540, -2.2944, -57.5786

Complementary

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



121.1840, 34.4193, -26.4714



160.8160, -34.4193, 26.4714

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.



115.4450, -21.9114, -18.8073



121.1840, 34.4193, -26.4714



122.5550, -31.8256, 34.5933

Square

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



121.1840, 34.4193, -26.4714



125.0440, -6.4307, 56.0894



119.2870, -32.1865, 10.2723



98.9720, 18.7478, -86.7984

Rectangle

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



121.1840, 34.4193, -26.4714



127.4170, 14.5844, 35.5913



119.2870, -32.1865, 10.2723



110.3910, -10.0528, -42.4389

Sweetspot

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



121.1840, 34.4193, -26.4714



219.4900, 13.5624, -10.0767



157.3380, 0.3264, -58.1784



108.4320, 8.1680, -6.5179



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.



121.1840, 34.4193, -26.4714



138.4330, 53.5235, -40.7217



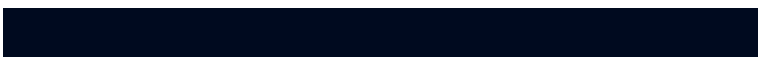
107.4830, 41.1739, 0.4534



87.7870, 3.0630, -2.4442



47.9490, 54.2551, -42.0513



9.4040, 10.6468, -8.2473

Inverse Universe

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



124.5480, -0.7632, 58.2784



143.9310, -1.4450, 90.3915



174.5170, -41.1739, -0.4534



88.0330, -0.0163, 5.2331



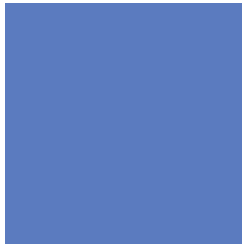
53.0560, -1.0136, 92.0359



10.4090, -0.2016, 18.0583

Previews

White Background



This preview shows how the YUV color 121.1840, 34.4193, -26.4714 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 121.1840, 34.4193, -26.4714 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 121.1840, 34.4193, -26.4714

Background



This preview shows how black text looks on a background with the YUV color 121.1840, 34.4193, -26.4714.

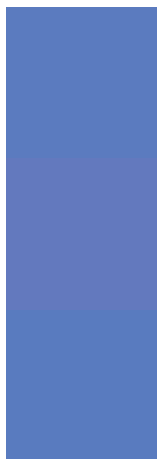


This preview shows how white text looks on a background with the YUV color 121.1840, 34.4193, -26.4714.

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

121.1840, 34.4193, -26.4714

Protanopia

122.2880, 33.3820, -20.4236

Deuteranopia

120.5860, 34.7141, -27.7009



Tritanopia

116.7980, 12.9176, -36.6568

Trichromacy



Original Color

121.1840, 34.4193, -26.4714

Protanomaly

121.9780, 33.5348, -22.7827

Deuteranomaly

120.8850, 34.5667, -27.0861

Tritanomaly

118.1820, 20.6163, -32.6086

Monochromacy



Original Color

121.1840, 34.4193, -26.4714

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.1480, 12.2520, -9.7768

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.1840, 34.4193, -26.4714 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, 123, 191)` looks like.

```
.text, #text, p{  
    color:rgb(91, 123, 191)  
}
```

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, 123, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 123, 191) }
```

Border

The CSS property to change the border of an element to YUV 121.1840, 34.4193, -26.4714 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, 123, 191) }
```


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

```
.border{ border-color:rgb(91, 123, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 123, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 123, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 123, 191);  
box-shadow:4px 4px 4px 4px rgb(91, 123,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 121.1840, 34.4193, -26.4714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 123, 191) }
```

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

```
.background{ background-color: rgb(91, 123,  
191) }
```

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