

Converting Colors

YUV(120.9440, 18.2686,
-26.2609)

Have a look what the booklet for
YUV(120.9440, 18.2686, -26.2609)
contains.

YUV(120.9440, 18.2686, -26.2609)	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(120.9440, 18.2686,
-26.2609)**

Conversions

Conversions Part 1

Format	Color
Hex	5B819E
RGB	91, 129, 158
RGB Percent	36%, 51%, 62%
CMY	0.6431, 0.4941, 0.3804
CMYK	0.42, 0.18, 0.00, 0.38
HSL	206°, 27%, 49%
HSV	206°, 42%, 62%
XYZ	18.3362, 20.3933, 35.3176
YIQ	120.9440, -31.9570, 0.9630

Conversions

Conversions Part 2

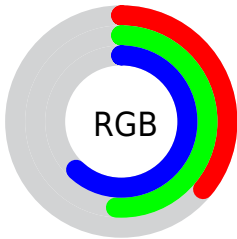
Format	Color
R_{YB}	91, 115, 158
Decimal	5996958
CIE _{Lab}	52.28, -5.40, -19.69
CIE _{LCh}	52, 20.421, 254.674
Yxy	20.3933, 0.2476, 0.2754
Android (android.graphics.Color)	4284187038 (0xFF5B819E)
YUV	120.9440, 18.2686, -26.2609
Hunter-Lab	45.1589, -6.5505, -14.7579

Details

The YUV color **120.9440, 18.2686, -26.2609** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **128.0560, -18.2686, 26.2609**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.1720, 19.1422, -26.4608**, and **70.8190, 17.8372, -27.9053** is the 20% darker color. If you saturate the color by 10%, you get **112.0510, 22.6529, -32.4937**, and if you desaturate by 10%, it is **129.8370, 13.8844, -20.0280**.

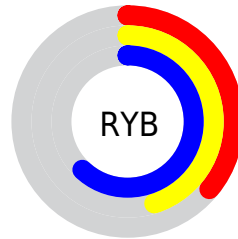
Distribution



Red (36%)

Green (51%)

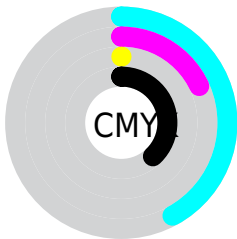
Blue (62%)



Red (36%)

Yellow (45%)

Blue (62%)

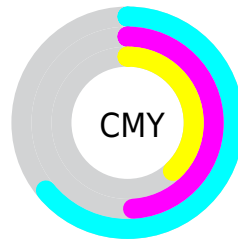


Cyan (42%)

Magenta (18%)

Yellow (0%)

Black (38%)



Cyan (64%)

Magenta (49%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.9440, 18.2686, -26.2609 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 120.9440, 18.2686, -26.2609 by changing the saturation by 10% instead.

■ 120.9440, 18.2686,
-26.2609

■ 120.9440, 18.2686,
-26.2609

■ 255.0000, 0.0000,
0.0000

■ 95.5310, 17.9792,
-26.7757

■ 174.1720, 19.1422,
-26.4608

■ 70.8190, 17.8372,
-27.9053

■ 201.2860, 19.5790,
-26.5608

■ 44.9000, 18.2903,
-33.2383

■ 228.2770, 13.1744,
-25.6759

■ 27.8580, 15.3530,
-24.4315

■ 246.9270, 3.9800,
-16.5990

■ 12.4360, 12.1101,
-10.9064

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,

0.0000

■ 120.9440, 18.2686,
-26.2609

■ 120.9440, 18.2686,
-26.2609

■ 112.0510, 22.6529,
-32.4937

■ 129.8370, 13.8844,
-20.0280

■ 103.1580, 27.0371,
-38.7266

■ 138.7300, 9.5001,
-13.7952

■ 94.5640, 31.2739,
-44.3446

■ 147.3240, 5.2633,
-8.1771

■ 86.2580, 35.3688,
-51.0923

■ 155.6300, 1.1684,
-1.4295

■ 77.3650, 39.7531,
-57.3251

■ 164.5230, -3.2158,
4.8033

■ 70.8420, 42.9689,
-62.1284

■ 173.4160, -7.6001,
11.0362

■ 182.3090,
-11.9843, 17.2690

■ 190.9030,
-16.2212, 22.8871

■ 199.7960,
-20.6054, 29.1199

Harmonies

Analogous

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



117.4820, 15.5384, -37.2567



120.9440, 18.2686, -26.2609



124.5980, 16.4672, -8.4174

Triad

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



120.9440, 18.2686, -26.2609



126.9220, -4.8915, 29.0094



120.7740, -10.7346, -10.3258

Complementary

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



120.9440, 18.2686, -26.2609



128.0560, -18.2686, 26.2609

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.



122.9070, -15.7302, 5.3436



120.9440, 18.2686, -26.2609



125.9620, -12.3063, 27.2203

Square

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



120.9440, 18.2686, -26.2609



127.6530, 3.1291, 23.1063



125.0550, -16.7891, 18.3688



118.3790, -1.6658, -25.7654

Rectangle

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



120.9440, 18.2686, -26.2609



126.4640, 13.0822, 3.9781



125.0550, -16.7891, 18.3688



121.9380, -12.7874, -5.2076

Sweetspot

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



120.9440, 18.2686, -26.2609



191.8830, 7.4527, -10.4214



133.5210, -7.1589, -37.2909



95.2210, 4.8210, -6.3328



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



120.9440, 18.2686, -26.2609



148.3040, 28.9371, -41.4856



102.1600, 27.5291, -9.7873



74.8470, 2.0474, -3.3738



63.8490, 39.0214, -55.9956



6.9930, 3.9475, -6.1329

Inverse Universe

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



115.3650, 6.7221, 37.3909



139.5340, 10.5827, 59.1677



146.8400, -27.5291, 9.7873



73.9620, 1.0047, 4.4183



51.9910, 14.3014, 79.8149



5.5110, 1.7201, 8.3219

Previews

White Background



This preview shows how the YUV color 120.9440, 18.2686, -26.2609 looks on a white background.

Color Contrast Check

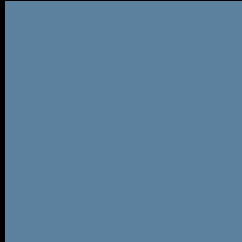
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.9440, 18.2686, -26.2609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

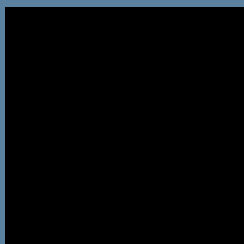
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

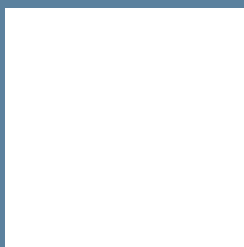
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 120.9440, 18.2686, -26.2609

Background



This preview shows how black text looks on a background with the YUV color 120.9440, 18.2686, -26.2609.

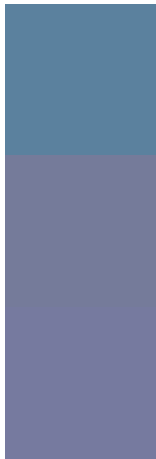


This preview shows how white text looks on a background with the YUV color 120.9440, 18.2686, -26.2609.

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

120.9440, 18.2686, -26.2609

Protanopia

124.7400, 14.4252, -6.7880

Deuteranopia

125.0220, 16.7512, -6.1583



Tritanopia

119.6850, 11.0013, -28.6647

Trichromacy



Original Color

120.9440, 18.2686, -26.2609

Protanomaly

123.3370, 15.6099, -13.4505

Deuteranomaly

123.7930, 17.3571, -13.8505

Tritanomaly

120.0810, 13.7641, -28.1350

Monochromacy



Original Color

120.9440, 18.2686, -26.2609

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9540, 6.4317, -9.6067

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.9440, 18.2686, -26.2609 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, 129, 158)` looks like.

```
.text, #text, p{  
    color:rgb(91, 129, 158)  
}
```

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, 129, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 129, 158) }
```

Border

The CSS property to change the border of an element to YUV 120.9440, 18.2686, -26.2609 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, 129, 158) }
```


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

```
.border{ border-color:rgb(91, 129, 158) }
```

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

Here you see how a box with a 4 pixel rgb(91, 129, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 129, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 129, 158);  
box-shadow:4px 4px 4px 4px rgb(91, 129,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 120.9440, 18.2686, -26.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 129, 158) }
```

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

```
.background{ background-color: rgb(91, 129,  
158) }
```

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