

Converting Colors

YUV(156.9440, 18.2686,
-26.2609)

Have a look what the booklet for
YUV(156.9440, 18.2686, -26.2609)
contains.

YUV(156.9440, 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(156.9440, 18.2686,
-26.2609)**

Conversions

Conversions Part 1

Format	Color
Hex	7FA5C2
RGB	127, 165, 194
RGB Percent	50%, 65%, 76%
CMY	0.5020, 0.3529, 0.2392
CMYK	0.35, 0.15, 0.00, 0.24
HSL	206°, 35%, 63%
HSV	206°, 35%, 76%
XYZ	31.9451, 35.3173, 56.1722
YIQ	156.9440, -31.9570, 0.9630

Conversions

Conversions Part 2

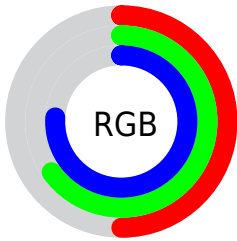
Format	Color
R _Y B	127, 151, 194
Decimal	8365506
CIE Lab	65.99, -5.79, -19.03
CIE LCh	66, 19.895, 253.080
Yxy	35.3173, 0.2588, 0.2861
Android (android.graphics.Color)	4286555586 (0xFF7FA5C2)
YUV	156.9440, 18.2686, -26.2609
Hunter-Lab	59.4284, -8.0488, -14.4415

Details

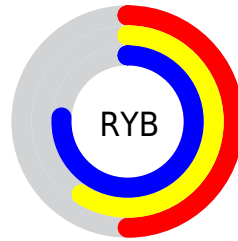
The YUV color $156.9440, 18.2686, -26.2609$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $164.0560, -18.2686, 26.2609$, and the grayscale version is $157.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $211.8730, 19.2896, -27.0756$, and $104.7160, 17.3950, -26.0609$ is the 20% darker color. If you saturate the color by 10%, you get $146.5670, 23.3845, -33.8233$, and if you desaturate by 10%, it is $167.3210, 13.1527, -18.6985$.

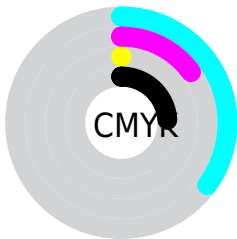
Distribution



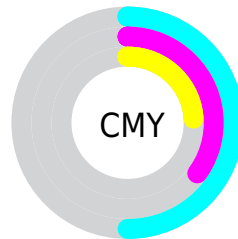
- Red (50%)
- Green (65%)
- Blue (76%)



- Red (50%)
- Yellow (59%)
- Blue (76%)



- Cyan (35%)
- Magenta (15%)
- Yellow (0%)
- Black (24%)



- Cyan (50%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.9440, 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 156.9440, 18.2686, -26.2609 by changing the saturation by 10% instead.

■ 156.9440, 18.2686,
-26.2609

■ 156.9440, 18.2686,
-26.2609

■ 255.0000, 0.0000,
0.0000

■ 130.8300, 17.8318,
-26.1609

■ 211.8730, 19.2896,
-27.0756

■ 104.7160, 17.3950,
-26.0609

■ 237.4360, 8.6591,
-24.0614

■ 80.0040, 17.2530,
-27.1905

■ 249.9170, 2.5059,
-10.4512

■ 55.2810, 17.1165,
-30.0644

■ 33.4660, 16.5323,
-29.3497

■ 18.5170, 12.5631,
-16.2394

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 156.9440, 18.2686,
-26.2609

■ 156.9440, 18.2686,
-26.2609

■ 146.5670, 23.3845,
-33.8233

■ 167.3210, 13.1527,
-18.6985

■ 135.3040, 28.9371,
-41.4856

■ 178.5840, 7.6001,
-11.0362

■ 124.9270, 34.0530,
-49.0480

■ 188.9610, 2.4842,
-3.4738

■ 113.6640, 39.6056,
-56.7103

■ 200.2240, -3.0684,
4.1886

■ 103.2870, 44.7215,
-64.2727

■ 210.6010, -8.1843,
11.7509

■ 92.9100, 49.8374,
-71.8351

■ 220.9780,
-13.3002, 19.3133

■ 86.6860, 52.9058,
-76.0236

■ 229.8490,
-17.6736, 22.0574

■ 234.5450,
-19.9887, 17.9390

■ 239.8280,
-22.5932, 13.3058

Harmonies

Analogous

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



153.9660, 14.8068, -35.9272



156.9440, 18.2686, -26.2609



160.4130, 17.0514, -9.1322

Triad

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



156.9440, 18.2686, -26.2609



163.2210, -5.0390, 29.6242



156.9590, -11.3188, -9.6110

Complementary

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



156.9440, 18.2686, -26.2609



164.0560, -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.



159.0920, -16.3144, 6.0583



156.9440, 18.2686, -26.2609



162.5600, -12.6011, 28.4499

Square

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



156.9440, 18.2686, -26.2609



163.7670, 3.5659, 23.0063



160.7670, -16.6471, 19.4983



154.4500, -2.6868, -24.9506

Rectangle

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



156.9440, 18.2686, -26.2609



162.2790, 13.6665, 3.2633



160.7670, -16.6471, 19.4983



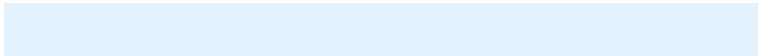
157.1230, -13.3716, -4.4929

Sweetspot

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



156.9440, 18.2686, -26.2609



238.6550, 6.5791, -10.2214



169.5210, -7.1589, -37.2909



119.1070, 4.3842, -6.2328



0.0000, 0.0000, 0.0000



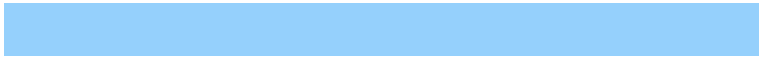
128.0000, 0.0000, 0.0000

Same Dimension

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



156.9440, 18.2686, -26.2609



195.3750, 27.9161, -40.6709



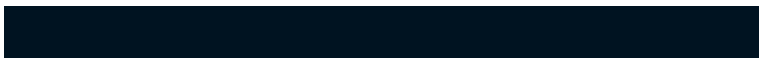
138.1600, 27.5291, -9.7873



91.6620, 2.6316, -4.0886



71.7710, 43.9899, -62.9432



14.9150, 8.9159, -13.0805

Inverse Universe

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



151.3650, 6.7221, 37.3909



186.5230, 10.5882, 57.4233



182.8400, -27.5291, 9.7873



90.6740, 1.1467, 5.5479



58.5130, 16.0161, 89.8811



12.0330, 3.4347, 18.3881

Previews

White Background



This preview shows how the YUV color 156.9440, 18.2686, -26.2609 looks on a white background.

Color Contrast Check

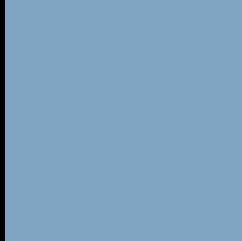
Large Text (above 18pt) WCAG AA × Fail

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 156.9440, 18.2686, -26.2609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

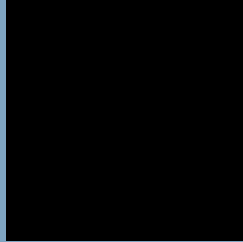
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.9440, 18.2686, -26.2609

Background



This preview shows how black text looks on a background with the YUV color 156.9440, 18.2686, -26.2609.



This preview shows how white text looks on a background with the YUV color 156.9440, 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

156.9440, 18.2686, -26.2609

Protanopia

161.0390, 14.2778, -6.1732

Deuteranopia

161.4460, 17.0351, -3.8991



Tritanopia

155.7390, 12.4537, -27.8351

Trichromacy



Original Color

156.9440, 18.2686, -26.2609

Protanomaly

159.3370, 15.6099, -13.4505

Deuteranomaly

159.8040, 17.3516, -12.1061

Tritanomaly

156.0210, 14.7796, -27.2054

Monochromacy



Original Color

156.9440, 18.2686, -26.2609

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.9540, 6.4317, -9.6067

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.9440, 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(127, 165, 194)` looks like.

```
.text, #text, p{  
    color:rgb(127, 165, 194)  
}
```

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(127, 165, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 165, 194) }
```

Border

The CSS property to change the border of an element to YUV 156.9440, 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(127, 165, 194) }
```


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

```
.border{ border-color:rgb(127, 165, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 165, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 165, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 165, 194);  
box-shadow:4px 4px 4px 4px rgb(127, 165,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 156.9440, 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(127, 165, 194) }
```

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

```
.background{ background-color: rgb(127,  
165, 194) }
```

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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