

Converting Colors

YUV(156.1790, 18.6458,
-7.1730)

Have a look what the booklet for
YUV(156.1790, 18.6458, -7.1730)
contains.

YUV(156.1790, 18.6458, -7.1730)	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(156.1790, 18.6458,
-7.1730)**

Conversions

Conversions Part 1

Format	Color
Hex	9499C2
RGB	148, 153, 194
RGB Percent	58%, 60%, 76%
CMY	0.4196, 0.4000, 0.2392
CMYK	0.24, 0.21, 0.00, 0.24
HSL	233°, 27%, 67%
HSV	233°, 24%, 76%
XYZ	33.3416, 32.9734, 55.6461
YIQ	156.1790, -16.1410, 11.6910

Conversions

Conversions Part 2

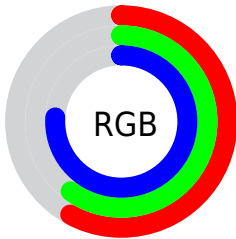
Format	Color
RYB	148, 153, 194
Decimal	9738690
CIELab	64.14, 7.20, -21.73
CIELCh	64, 22.893, 288.335
Yxy	32.9734, 0.2734, 0.2704
Android (android.graphics.Color)	4287928770 (0xFF9499C2)
YUV	156.1790, 18.6458, -7.1730
Hunter-Lab	57.4225, 3.1543, -17.2602

Details

The YUV color $156.1790, 18.6458, -7.1730$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $185.8210, -18.6458, 7.1730$, and the grayscale version is $156.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $210.8200, 19.8087, -6.8581$, and $104.5380, 17.4828, -7.4878$ is the 20% darker color. If you saturate the color by 10%, you get $140.5190, 26.3661, -10.1022$, and if you desaturate by 10%, it is $171.8390, 10.9254, -4.2438$.

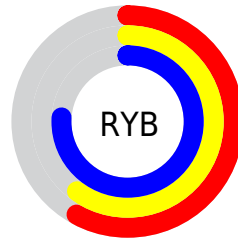
Distribution



Red (58%)

Green (60%)

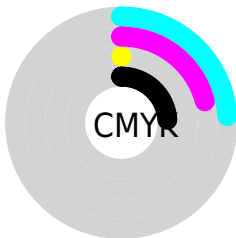
Blue (76%)



Red (58%)

Yellow (60%)

Blue (76%)

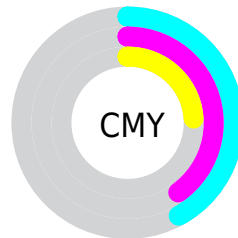


Cyan (24%)

Magenta (21%)

Yellow (0%)

Black (24%)



Cyan (42%)

Magenta (40%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.1790, 18.6458, -7.1730 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 156.1790, 18.6458, -7.1730 by changing the saturation by 10% instead.

■ 156.1790, 18.6458,
-7.1730

■ 156.1790, 18.6458,
-7.1730

255.0000, 0.0000,
0.0000

■ 130.0650, 18.2090,
-7.0730

■ 210.8200, 19.8087,
-6.8581

■ 104.5380, 17.4828,
-7.4878

■ 236.0840, 9.3256,
-4.4587

■ 80.4240, 17.0460,
-7.3878

■ 56.8970, 16.3198,
-7.8027

■ 34.6580, 15.4516,
-9.3471

■ 12.6580, 15.4516,
-9.3471

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 156.1790, 18.6458,
-7.1730

■ 156.1790, 18.6458,
-7.1730

■ 140.5190, 26.3661,
-10.1022

■ 171.8390, 10.9254,
-4.2438

■ 123.9730, 34.5233,
-13.1313

■ 188.3850, 2.7682,
-1.2146

■ 108.3130, 42.2437,
-16.0605

■ 204.0450, -4.9522,
1.7145

■ 92.3540, 50.1115,
-19.6045

■ 220.0040,
-12.8200, 5.2585

■ 76.6940, 57.8319,
-22.5336

■ 235.6640,
-20.5404, 8.1877

■ 60.4470, 65.8416,
-24.9480

■ 248.0460,
-26.6447, 6.0987

■ 44.4880, 73.7094,
-28.4920

■ 34.4430, 78.6616,
-30.2065

Harmonies

Analogous

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



152.0300, 21.1842, -28.0903



156.1790, 18.6458, -7.1730



158.5900, 12.0341, 13.5146

Triad

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



156.1790, 18.6458, -7.1730



156.8870, -15.2273, 30.7941



147.6880, -0.3392, -31.2984

Complementary

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



156.1790, 18.6458, -7.1730



185.8210, -18.6458, 7.1730

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.



150.3390, -11.0131, -14.3293



156.1790, 18.6458, -7.1730



155.0830, -19.2679, 20.0982

Square

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



156.1790, 18.6458, -7.1730



158.0860, -6.9444, 34.1276



152.9130, -18.1981, 3.5843



146.1840, 10.7553, -43.1344

Rectangle

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



156.1790, 18.6458, -7.1730



159.3480, 5.7444, 24.2508



152.9130, -18.1981, 3.5843



148.9830, -4.4286, -26.2951

Sweetspot

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



156.1790, 18.6458, -7.1730



238.1120, 6.8468, -2.7292



179.6760, 4.5967, -27.7799



118.8410, 4.5154, -1.6146



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.



156.1790, 18.6458, -7.1730



194.0890, 28.5501, -10.6021



158.6260, 17.4394, 6.4670



88.7270, 4.0786, -1.5146



28.3330, 65.4048, -24.8480



6.1100, 13.2568, -5.3585

Inverse Universe

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



162.3240, -4.5967, 27.7799



203.7280, -7.2609, 42.3345



183.3740, -17.4394, -6.4670



90.1040, -1.0373, 6.0478



50.0770, -16.3070, 97.2795



10.3230, -3.1172, 19.8877

Previews

White Background



This preview shows how the YUV color 156.1790, 18.6458, -7.1730 looks on a white background.

Color Contrast Check

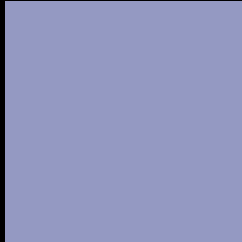
Large Text (above 18pt) WCAG AA × Fail

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 156.1790, 18.6458, -7.1730 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 156.1790, 18.6458, -7.1730

Background



This preview shows how black text looks on a background with the YUV color 156.1790, 18.6458, -7.1730.



This preview shows how white text looks on a background with the YUV color 156.1790, 18.6458, -7.1730.

-7.1730.

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

156.1790, 18.6458, -7.1730

Protanopia

155.9830, 19.2354, -9.6321

Deuteranopia

156.1900, 18.6403, -5.4286



Tritanopia

154.2960, 7.7421, -9.9066

Trichromacy



Original Color

156.1790, 18.6458, -7.1730

Protanomaly

156.2820, 19.0880, -9.0173

Deuteranomaly

155.8910, 18.7877, -6.0434

Tritanomaly

155.3330, 11.6678, -9.0620

Monochromacy



Original Color

156.1790, 18.6458, -7.1730

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.1120, 6.8468, -2.7292

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.1790, 18.6458, -7.1730 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(148, 153, 194)` looks like.

```
.text, #text, p{  
    color:rgb(148, 153, 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(148, 153, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 153, 194) }
```

Border

The CSS property to change the border of an element to YUV 156.1790, 18.6458, -7.1730 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(148, 153, 194) }
```


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

```
.border{ border-color:rgb(148, 153, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 153, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 153, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 153, 194);  
box-shadow:4px 4px 4px 4px rgb(148, 153,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 156.1790, 18.6458, -7.1730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 153, 194) }
```

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

```
.background{ background-color: rgb(148,  
153, 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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