

Converting Colors

YUV(121.1790, 18.6458,
-7.1730)

Have a look what the booklet for
YUV(121.1790, 18.6458, -7.1730)
contains.

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Color

**YUV(121.1790, 18.6458,
-7.1730)**

Conversions

Conversions Part 1

Format	Color
Hex	71769F
RGB	113, 118, 159
RGB Percent	44%, 46%, 62%
CMY	0.5569, 0.5373, 0.3765
CMYK	0.29, 0.26, 0.00, 0.38
HSL	233°, 19%, 53%
HSV	233°, 29%, 62%
XYZ	19.5465, 18.9708, 35.4324
YIQ	121.1790, -16.1410, 11.6910

Conversions

Conversions Part 2

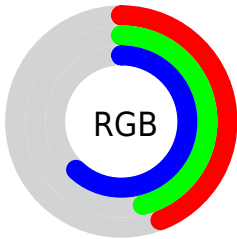
Format	Color
R_{YB}	113, 118, 159
Decimal	7435935
CIE Lab	50.65, 7.83, -22.65
CIE LCh	51, 23.963, 289.079
Yxy	18.9708, 0.2643, 0.2565
Android (android.graphics.Color)	4285626015 (0xFF71769F)
YUV	121.1790, 18.6458, -7.1730
Hunter-Lab	43.5555, 3.8838, -17.7436

Details

The YUV color **121.1790, 18.6458, -7.1730** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **150.8210, -18.6458, 7.1730**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.8200, 19.8087, -6.8581**, and **72.1250, 17.1934, -8.0026** is the 20% darker color. If you saturate the color by 10%, you get **108.1770, 25.0557, -9.8022**, and if you desaturate by 10%, it is **134.1810, 12.2358, -4.5437**.

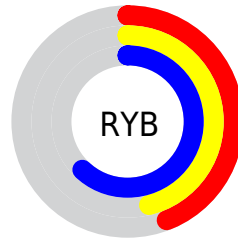
Distribution



Red (44%)

Green (46%)

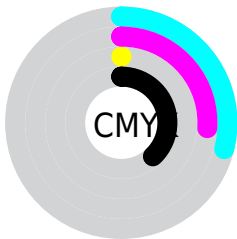
Blue (62%)



Red (44%)

Yellow (46%)

Blue (62%)

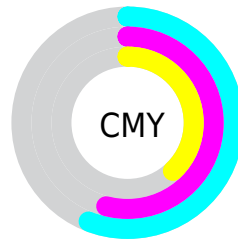


Cyan (29%)

Magenta (26%)

Yellow (0%)

Black (38%)



Cyan (56%)

Magenta (54%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.1790, 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 121.1790, 18.6458, -7.1730 by changing the saturation by 10% instead.

■ 121.1790, 18.6458,
-7.1730

■ 121.1790, 18.6458,
-7.1730

■ 255.0000, 0.0000,
0.0000

■ 96.0650, 18.2090,
-7.0730

■ 173.8200, 19.8087,
-6.8581

■ 72.1250, 17.1934,
-8.0026

■ 200.9340, 20.2455,
-6.9581

■ 49.5980, 16.4672,
-8.4174

■ 227.2240, 13.6936,
-5.4584

■ 27.4730, 16.0358,
-10.0618

■ 252.9180, 1.0264,
-2.5591

■ 4.3320, 16.5983,
-3.7992

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,

0.0000

■ 121.1790, 18.6458,
-7.1730

■ 121.1790, 18.6458,
-7.1730

■ 108.1770, 25.0557,
-9.8022

■ 134.1810, 12.2358,
-4.5437

■ 95.1750, 31.4657,
-12.4315

■ 147.1830, 5.8258,
-1.9145

■ 81.5860, 38.1651,
-14.5459

■ 160.7720, -0.8736,
0.2000

■ 68.5840, 44.5751,
-17.1752

■ 173.7740, -7.2836,
2.8292

■ 55.5820, 50.9851,
-19.8044

■ 186.7760,
-13.6936, 5.4584

■ 42.8790, 57.2477,
-21.8189

■ 199.4790,
-19.9561, 7.4729

■ 29.8770, 63.6576,
-24.4481

■ 212.4810,
-26.3661, 10.1022

■ 28.1050, 64.5312,
-24.6481

■ 225.4830,
-32.7761, 12.7314

■ 238.7730,
-39.3281, 14.2311

Harmonies

Analogous

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



116.1330, 21.6264, -29.9346



121.1790, 18.6458, -7.1730



123.4760, 11.5973, 13.6145

Triad

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



121.1790, 18.6458, -7.1730



121.5880, -15.0799, 30.1793



111.7910, 0.1030, -33.1427

Complementary

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



121.1790, 18.6458, -7.1730



150.8210, -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.



115.0400, -10.8657, -14.9441



121.1790, 18.6458, -7.1730



120.3710, -19.4099, 18.9686

Square

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



121.1790, 18.6458, -7.1730



122.6730, -7.2338, 33.6128



117.7280, -17.6139, 2.8695



109.3900, 11.6397, -46.8230

Rectangle

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



121.1790, 18.6458, -7.1730



123.7610, 6.0338, 24.7656



117.7280, -17.6139, 2.8695



113.3850, -4.1338, -27.5246

Sweetspot

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



121.1790, 18.6458, -7.1730



191.3400, 7.7204, -2.9292



144.6760, 4.5967, -27.7799



94.9550, 4.9522, -1.7145



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.



121.1790, 18.6458, -7.1730



147.0180, 29.5711, -11.4168



123.6260, 17.4394, 6.4670



72.4990, 3.2050, -1.3146



25.6940, 57.8319, -22.5336



2.8840, 5.9732, -2.5293

Inverse Universe

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



127.3240, -4.5967, 27.7799



156.7390, -7.2663, 44.0789



148.3740, -17.4394, -6.4670



73.5060, -0.7425, 4.8182



44.5810, -14.0904, 86.3135



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 121.1790, 18.6458, -7.1730 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 121.1790, 18.6458, -7.1730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

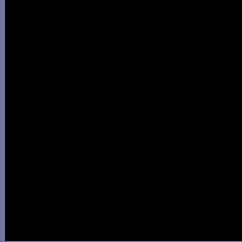
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.1790, 18.6458, -7.1730

Background



This preview shows how black text looks on a background with the YUV color 121.1790, 18.6458, -7.1730.



This preview shows how white text looks on a background with the YUV color 121.1790, 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

121.1790, 18.6458, -7.1730

Protanopia

120.6840, 19.3828, -10.2469

Deuteranopia

121.1680, 18.6512, -8.9173



Tritanopia

119.6550, 6.5791, -10.2214

Trichromacy



Original Color

121.1790, 18.6458, -7.1730

Protanomaly

120.9830, 19.2354, -9.6321

Deuteranomaly

121.4670, 18.5038, -8.3026

Tritanomaly

120.1050, 10.7942, -8.8621

Monochromacy



Original Color

121.1790, 18.6458, -7.1730

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.1120, 6.8468, -2.7292

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.1790, 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(113, 118, 159)` looks like.

```
.text, #text, p{  
    color:rgb(113, 118, 159)  
}
```

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(113, 118, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 118, 159) }
```

Border

The CSS property to change the border of an element to YUV 121.1790, 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(113, 118, 159) }
```


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

```
.border{ border-color:rgb(113, 118, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 118, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 118, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 118, 159);  
box-shadow:4px 4px 4px 4px rgb(113, 118,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 121.1790, 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(113, 118, 159) }
```

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

```
.background{ background-color: rgb(113,  
118, 159) }
```

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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