

Converting Colors

YUV(187.1790, 18.6458,
-7.1730)

Have a look what the booklet for
YUV(187.1790, 18.6458, -7.1730)
contains.

YUV(187.1790, 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(187.1790, 18.6458,
-7.1730)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B8E1
RGB	179, 184, 225
RGB Percent	70%, 72%, 88%
CMY	0.2980, 0.2784, 0.1176
CMYK	0.20, 0.18, 0.00, 0.12
HSL	233°, 43%, 79%
HSV	233°, 20%, 88%
XYZ	49.3215, 49.3009, 78.1507
YIQ	187.1790, -16.1410, 11.6910

Conversions

Conversions Part 2

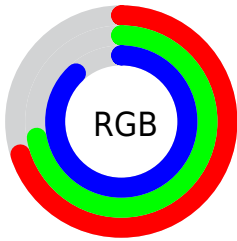
Format	Color
RYB	179, 184, 225
Decimal	11778273
CIELab	75.64, 6.80, -21.07
CIELCh	76, 22.143, 287.888
Yxy	49.3009, 0.2790, 0.2789
Android (android.graphics.Color)	4289968353 (0xFFB3B8E1)
YUV	187.1790, 18.6458, -7.1730
Hunter-Lab	70.2146, 2.5098, -16.8411

Details

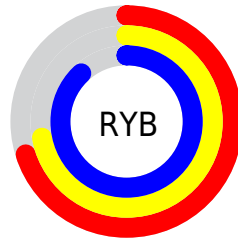
The YUV color $187.1790, 18.6458, -7.1730$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $216.8210, -18.6458, 7.1730$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.2150, 7.2890, -4.5736$, and $133.9510, 17.7722, -6.9730$ is the 20% darker color. If you saturate the color by 10%, you get $168.5620, 27.8239, -11.0169$, and if you desaturate by 10%, it is $205.4970, 9.6150, -3.9439$.

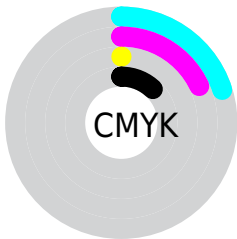
Distribution



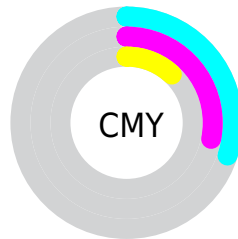
- Red (70%)
- Green (72%)
- Blue (88%)



- Red (70%)
- Yellow (72%)
- Blue (88%)



- Cyan (20%)
- Magenta (18%)
- Yellow (0%)
- Black (12%)



- Cyan (30%)
- Magenta (28%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.1790, 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 187.1790, 18.6458, -7.1730 by changing the saturation by 10% instead.

■ 187.1790, 18.6458,
-7.1730

■ 187.1790, 18.6458,
-7.1730

255.0000, 0.0000,
0.0000

■ 160.0650, 18.2090,
-7.0730

■ 240.2150, 7.2890,
-4.5736

■ 133.9510, 17.7722,
-6.9730

■ 108.4240, 17.0460,
-7.3878

■ 83.8970, 16.3198,
-7.8027

■ 60.7830, 15.8830,
-7.7027

■ 37.9570, 15.3042,
-8.7323

■ 16.7180, 14.4360,

-10.2767

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 187.1790, 18.6458,
-7.1730

■ 187.1790, 18.6458,
-7.1730

■ 168.5620, 27.8239,
-11.0169

■ 205.4970, 9.6150,
-3.9439

■ 150.2440, 36.8547,
-14.2460

■ 224.1140, 0.4368,
-0.1000

■ 131.6270, 46.0329,
-18.0899

■ 242.4320, -8.5940,
3.1291

■ 113.3090, 55.0637,
-21.3190

■ 251.5800,
-13.1039, 2.9993

■ 94.6920, 64.2418,
-25.1629

■ 76.3740, 73.2726,
-28.3920

■ 57.7570, 82.4508,
-32.2359

■ 39.7380, 91.3342,
-34.8502

Harmonies

Analogous

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



183.3290, 21.0368, -27.4755



187.1790, 18.6458, -7.1730



189.5900, 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.



187.1790, 18.6458, -7.1730



188.1860, -15.3747, 31.4089



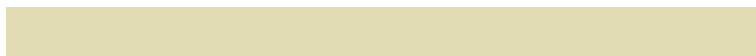
179.4600, -1.2128, -31.0984

Complementary

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



187.1790, 18.6458, -7.1730



216.8210, -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.



181.6380, -11.1605, -13.7145



187.1790, 18.6458, -7.1730



186.3820, -19.4153, 20.7130

Square

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



187.1790, 18.6458, -7.1730



189.3850, -7.0918, 34.7424



184.2120, -18.3455, 4.1991



177.9670, 9.8763, -41.1901

Rectangle

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



187.1790, 18.6458, -7.1730



190.0490, 5.8918, 23.6360



184.2120, -18.3455, 4.1991



180.1680, -5.0128, -25.5803

Sweetspot

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



187.1790, 18.6458, -7.1730



242.2970, 6.2626, -2.0145



210.6760, 4.5967, -27.7799



120.6130, 3.6418, -1.4146



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.



187.1790, 18.6458, -7.1730



202.4050, 25.9293, -10.0022



189.6260, 17.4394, 6.4670



102.8410, 4.5154, -1.6146



31.2170, 71.3780, -27.3773



8.4070, 19.5193, -7.3729

Inverse Universe

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



193.3240, -4.5967, 27.7799



210.9340, -6.3765, 38.6459



214.3740, -17.4394, -6.4670



104.4030, -1.1847, 6.6626



54.7900, -17.6445, 106.3012



14.9220, -4.8915, 29.0094

Previews

White Background



This preview shows how the YUV color 187.1790, 18.6458, -7.1730 looks on a white background.

Color Contrast Check

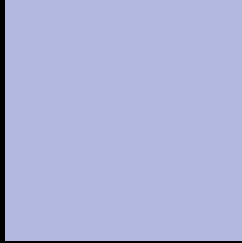
Large Text (above 18pt) WCAG AA × Fail

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 187.1790, 18.6458, -7.1730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

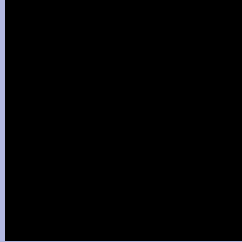
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.1790, 18.6458, -7.1730

Background



This preview shows how black text looks on a background with the YUV color 187.1790, 18.6458, -7.1730.



This preview shows how white text looks on a background with the YUV color 187.1790, 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

187.1790, 18.6458, -7.1730

Protanopia

186.5810, 18.9406, -8.4025

Deuteranopia

187.7990, 18.3401, -2.4547



Tritanopia

185.8230, 8.4683, -9.4918

Trichromacy



Original Color

187.1790, 18.6458, -7.1730

Protanomaly

186.8800, 18.7932, -7.7878

Deuteranomaly

187.7880, 18.3455, -4.1991

Tritanomaly

186.4470, 12.1046, -9.1620

Monochromacy



Original Color

187.1790, 18.6458, -7.1730

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.1120, 6.8468, -2.7292

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.1790, 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(179, 184, 225)` looks like.

```
.text, #text, p{  
    color:rgb(179, 184, 225)  
}
```

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(179, 184, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 184, 225) }
```

Border

The CSS property to change the border of an element to YUV 187.1790, 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(179, 184, 225) }
```


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

```
.border{ border-color:rgb(179, 184, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 184, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 184, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 184, 225);  
box-shadow:4px 4px 4px 4px rgb(179, 184,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 187.1790, 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(179, 184, 225) }
```

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

```
.background{ background-color: rgb(179,  
184, 225) }
```

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