

Converting Colors

YUV(213.1790, 18.6458,
-7.1730)

Have a look what the booklet for
YUV(213.1790, 18.6458, -7.1730)
contains.

YUV(213.1790, 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(213.1790, 18.6458,
-7.1730)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD2FB
RGB	205, 210, 251
RGB Percent	80%, 82%, 98%
CMY	0.1961, 0.1765, 0.0157
CMYK	0.18, 0.16, 0.00, 0.02
HSL	233°, 85%, 89%
HSV	233°, 18%, 98%
XYZ	65.6360, 66.0374, 100.5539
YIQ	213.1790, -16.1410, 11.6910

Conversions

Conversions Part 2

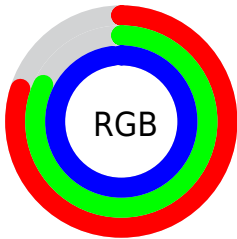
Format	Color
R_{YB}	205, 210, 251
Decimal	13488891
CIE Lab	85.02, 6.54, -20.60
CIE LCh	85, 21.612, 287.605
Yxy	66.0374, 0.2826, 0.2844
Android (android.graphics.Color)	4291678971 (0xFFCDD2FB)
YUV	213.1790, 18.6458, -7.1730
Hunter-Lab	81.2634, 1.9627, -16.4801

Details

The YUV color $213.1790, 18.6458, -7.1730$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $242.8210, -18.6458, 7.1730$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $158.5380, 17.4828, -7.4878$ is the 20% darker color. If you saturate the color by 10%, you get $192.7900, 28.6975, -11.2168$, and if you desaturate by 10%, it is $233.5680, 8.5940, -3.1291$.

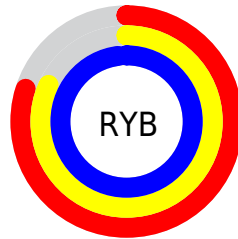
Distribution



Red (80%)

Green (82%)

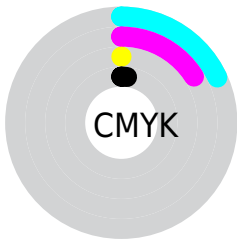
Blue (98%)



Red (80%)

Yellow (82%)

Blue (98%)

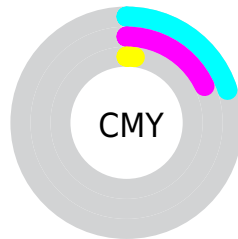


Cyan (18%)

Magenta (16%)

Yellow (0%)

Black (2%)



Cyan (20%)

Magenta (18%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.1790, 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 213.1790, 18.6458, -7.1730 by changing the saturation by 10% instead.

■ 213.1790, 18.6458,
-7.1730

■ 213.1790, 18.6458,
-7.1730

255.0000, 0.0000,
0.0000

■ 185.0650, 18.2090,
-7.0730

■ 158.5380, 17.4828,
-7.4878

■ 132.4240, 17.0460,
-7.3878

■ 107.3100, 16.6092,
-7.2879

■ 82.7830, 15.8830,
-7.7027

■ 59.2560, 15.1568,
-8.1175

■ 36.8430, 14.8674,

-8.6323

■ 15.0170, 14.2886,
-9.6619

■ 3.3230, 10.1938,
-2.9143

■ 213.1790, 18.6458,
-7.1730

■ 213.1790, 18.6458,
-7.1730

■ 192.7900, 28.6975,
-11.2168

■ 233.5680, 8.5940,
-3.1291

■ 171.8140, 39.0387,
-14.7459

■ 254.5440, -1.7472,
0.3999

■ 151.4250, 49.0905,
-18.7897

■ 131.0360, 59.1423,
-22.8336

■ 110.0600, 69.4834,
-26.3626

■ 89.3720, 79.6826,
-31.0212

■ 68.3960, 90.0238,
-34.5503

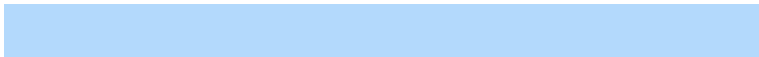
■ 48.0070, 100.0755,
-38.5941

■ 44.4630, 101.8227,
-38.9941

Harmonies

Analogous

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



209.6280, 20.8894, -26.8608



213.1790, 18.6458, -7.1730



215.2910, 12.1815, 12.8998

Triad

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



213.1790, 18.6458, -7.1730



214.4850, -15.5221, 32.0237



205.7590, -1.3602, -30.4836

Complementary

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



213.1790, 18.6458, -7.1730



242.8210, -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.



207.5240, -11.5973, -13.6145



213.1790, 18.6458, -7.1730



212.3820, -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.



213.1790, 18.6458, -7.1730



215.3850, -7.0918, 34.7424



210.2120, -18.3455, 4.1991



204.2660, 9.7289, -40.5753

Rectangle

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



213.1790, 18.6458, -7.1730



216.0490, 5.8918, 23.6360



210.2120, -18.3455, 4.1991



206.1680, -5.0128, -25.5803

Sweetspot

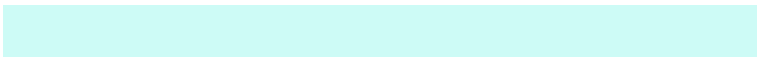
The Sweet Spot groups the original color and five complimentary colors.



213.1790, 18.6458, -7.1730



244.6560, 5.0996, -2.3293



236.6760, 4.5967, -27.7799



121.4990, 3.2050, -1.3146



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.



213.1790, 18.6458, -7.1730



208.9060, 22.7243, -8.6876



215.6260, 17.4394, 6.4670



114.6560, 5.0996, -2.3293



33.8730, 76.4776, -29.7066



11.0630, 24.6189, -9.7023

Inverse Universe

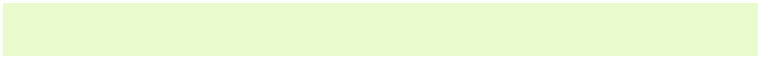
The Inverse Universe completely reimagines the original color for something new.



219.3240, -4.5967, 27.7799



216.4280, -5.6340, 33.8276



240.3740, -17.4394, -6.4670



116.1150, -1.0427, 7.7921



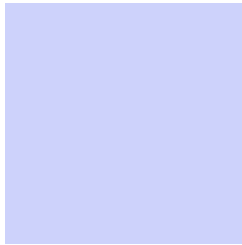
58.9050, -18.6872, 114.0933



19.0370, -5.9342, 36.8016

Previews

White Background



This preview shows how the YUV color 213.1790, 18.6458, -7.1730 looks on a white background.

Color Contrast Check

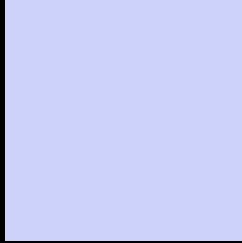
Large Text (above 18pt) WCAG AA × Fail

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 213.1790, 18.6458, -7.1730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

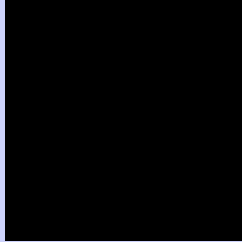
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.1790, 18.6458, -7.1730

Background



This preview shows how black text looks on a background with the YUV color 213.1790, 18.6458, -7.1730.



This preview shows how white text looks on a background with the YUV color 213.1790, 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

213.1790, 18.6458, -7.1730

Protanopia

212.8800, 18.7932, -7.7878

Deuteranopia

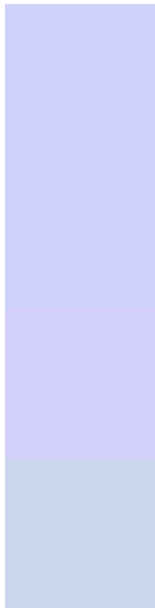
214.2230, 18.6241, -0.1956



Tritanopia

211.9370, 8.9051, -9.5917

Trichromacy



Original Color

213.1790, 18.6458, -7.1730

Protanomaly

212.8800, 18.7932, -7.7878

Deuteranomaly

213.9130, 18.7769, -2.5547

Tritanomaly

212.5610, 12.5414, -9.2620

Monochromacy



Original Color

213.1790, 18.6458, -7.1730

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.1120, 6.8468, -2.7292

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.1790, 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(205, 210, 251)` looks like.

```
.text, #text, p{  
    color:rgb(205, 210, 251)  
}
```

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(205, 210, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 210, 251) }
```

Border

The CSS property to change the border of an element to YUV 213.1790, 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(205, 210, 251) }
```


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

```
.border{ border-color:rgb(205, 210, 251) }
```

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

Here you see how a box with a 4 pixel rgb(205, 210, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 210, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 210, 251);  
box-shadow:4px 4px 4px 4px rgb(205, 210,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 213.1790, 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(205, 210, 251) }
```

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

```
.background{ background-color: rgb(205,  
210, 251) }
```

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