

Converting Colors

YUV(213.5690, 20.4255,
-18.0390)

Have a look what the booklet for
YUV(213.5690, 20.4255, -18.0390)
contains.

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Color

**YUV(213.5690, 20.4255,
-18.0390)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D8FF
RGB	193, 216, 255
RGB Percent	76%, 85%, 100%
CMY	0.2431, 0.1529, 0.0000
CMYK	0.24, 0.15, 0.00, 0.00
HSL	218°, 100%, 88%
HSV	218°, 24%, 100%
XYZ	64.5982, 67.6692, 104.2645
YIQ	213.5690, -26.2270, 7.2530

Conversions

Conversions Part 2

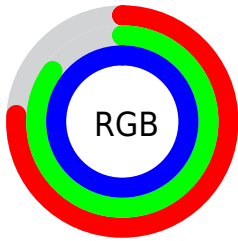
Format	Color
R _Y B	193, 210, 255
Decimal	12703999
CIE Lab	85.84, 0.64, -21.54
CIE LCh	86, 21.553, 271.695
Yxy	67.6692, 0.2731, 0.2861
Android (android.graphics.Color)	4290894079 (0xFFC1D8FF)
YUV	213.5690, 20.4255, -18.0390
Hunter-Lab	82.2613, -3.7847, -17.5660

Details

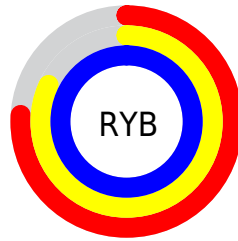
The YUV color $213.5690, 20.4255, -18.0390$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $234.4310, -20.4255, 18.0390$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5050, 0.7370, -3.0739$, and $158.3410, 19.5519, -17.8391$ is the 20% darker color. If you saturate the color by 10%, you get $196.7020, 28.7409, -25.1717$, and if you desaturate by 10%, it is $230.7350, 11.9626, -10.2916$.

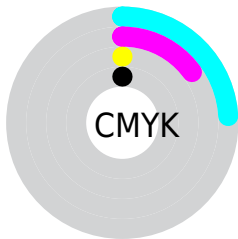
Distribution



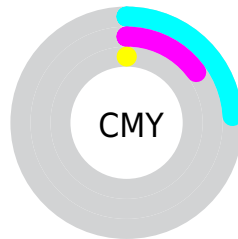
- Red (76%)
- Green (85%)
- Blue (100%)



- Red (76%)
- Yellow (82%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 213.5690, 20.4255, -18.0390 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 213.5690, 20.4255, -18.0390 by changing the saturation by 10% instead.

■ 213.5690, 20.4255,
-18.0390

■ 213.5690, 20.4255,
-18.0390

255.0000, 0.0000,
0.0000

■ 185.4550, 19.9887,
-17.9390

■ 253.5050, 0.7370,
-3.0739

■ 158.3410, 19.5519,
-17.8391

■ 132.2270, 19.1151,
-17.7391

■ 106.9990, 18.2415,
-17.5391

■ 82.5860, 17.9521,
-18.0539

■ 58.7600, 17.3733,
-19.0835

■ 34.4390, 17.5316,

-23.1870

■ 17.0980, 14.7417,
-14.9949

■ 3.5510, 11.0674,
-3.1142

■ 213.5690, 20.4255,
-18.0390

■ 213.5690, 20.4255,
-18.0390

■ 196.7020, 28.7409,
-25.1717

■ 230.7350, 11.9626,
-10.2916

■ 179.5360, 37.2038,
-32.9191

■ 247.6020, 3.6472,
-3.1590

■ 162.6690, 45.5192,
-40.0517

255.0000, 0.0000,
0.0000

■ 145.5030, 53.9820,
-47.7991

■ 128.6360, 62.2975,
-54.9318

■ 111.4700, 70.7603,
-62.6792

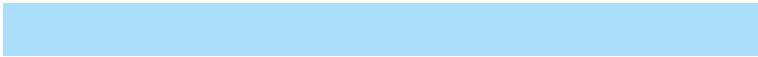
■ 94.6030, 79.0757,
-69.8118

■ 84.8350, 83.8913,
-74.4003

Harmonies

Analogous

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



209.6440, 19.8955, -34.7678



213.5690, 20.4255, -18.0390



216.8490, 15.8504, 2.7634

Triad

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



213.5690, 20.4255, -18.0390



216.9350, -11.3070, 33.3830



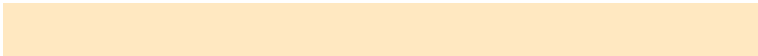
208.7340, -6.7709, -21.6917

Complementary

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



213.5690, 20.4255, -18.0390



234.4310, -20.4255, 18.0390

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.



211.5530, -15.5556, -3.9930



213.5690, 20.4255, -18.0390



215.7680, -18.1266, 27.3905

Square

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



213.5690, 20.4255, -18.0390



218.0410, -1.9922, 32.4130



213.9250, -19.6830, 13.2208



207.3930, 3.7503, -36.3017

Rectangle

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



213.5690, 20.4255, -18.0390



218.2590, 10.7183, 15.5589



213.9250, -19.6830, 13.2208



209.5560, -10.1341, -16.2736

Sweetspot

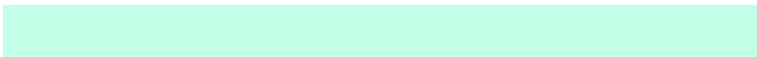
The Sweet Spot groups the original color and five complimentary colors.



213.5690, 20.4255, -18.0390



243.1610, 5.8366, -5.4032



233.7260, -1.3439, -35.7167



120.6020, 3.6472, -3.1590



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.



213.5690, 20.4255, -18.0390



205.2850, 24.5095, -21.2979



202.1610, 26.0496, -1.8952



118.8300, 4.5208, -3.3589



63.4510, 62.8817, -55.6465



21.3840, 21.0097, -18.7538

Inverse Universe

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



214.1600, 0.9071, 35.8167



206.2040, 0.8854, 42.7941



245.8390, -26.0496, 1.8952



119.3430, -0.1691, 7.5922



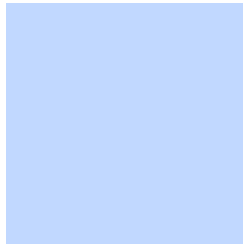
65.2030, 2.8579, 110.3240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 213.5690, 20.4255, -18.0390 looks on a white background.

Color Contrast Check

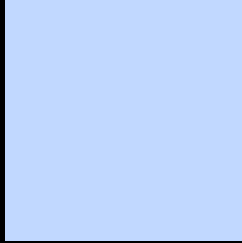
Large Text (above 18pt) WCAG AA × Fail

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 213.5690, 20.4255, -18.0390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

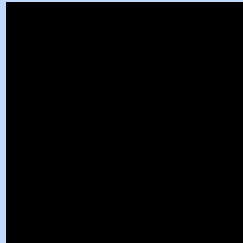
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

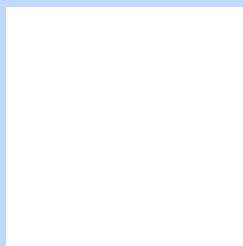
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.5690, 20.4255, -18.0390

Background



This preview shows how black text looks on a background with the YUV color 213.5690, 20.4255, -18.0390.



This preview shows how white text looks on a background with the YUV color 213.5690, 20.4255, -18.0390.

-18.0390.

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

213.5690, 20.4255, -18.0390

Protanopia

214.8800, 18.7932, -7.7878

Deuteranopia

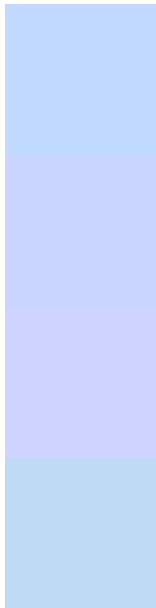
216.3260, 19.0663, -2.0399



Tritanopia

212.0820, 12.2846, -20.2429

Trichromacy



Original Color

213.5690, 20.4255, -18.0390

Protanomaly

214.0860, 19.6776, -11.4764

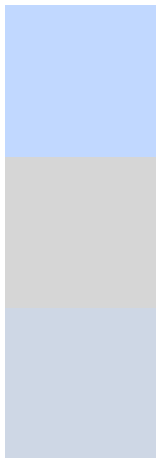
Deuteranomaly

215.1080, 19.6668, -7.9877

Tritanomaly

212.5920, 15.4841, -19.8132

Monochromacy



Original Color

213.5690, 20.4255, -18.0390

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.9050, 7.4418, -6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.5690, 20.4255, -18.0390 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(193, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 216, 255)  
}
```

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(193, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 216, 255) }
```

Border

The CSS property to change the border of an element to YUV 213.5690, 20.4255, -18.0390 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(193, 216, 255) }
```


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

```
.border{ border-color:rgb(193, 216, 255) }
```

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

Here you see how a box with a 4 pixel rgb(193, 216, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 216,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 213.5690, 20.4255, -18.0390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 216, 255) }
```

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

```
.background{ background-color: rgb(193,  
216, 255) }
```

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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