

Converting Colors

YUV(196.9990, 18.2415,
-17.5391)

Have a look what the booklet for
YUV(196.9990, 18.2415, -17.5391)
contains.

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Color

**YUV(196.9990, 18.2415,
-17.5391)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C8EA
RGB	177, 200, 234
RGB Percent	69%, 78%, 92%
CMY	0.3059, 0.2157, 0.0824
CMYK	0.24, 0.15, 0.00, 0.08
HSL	216°, 58%, 81%
HSV	216°, 24%, 92%
XYZ	53.6370, 56.5962, 85.9391
YIQ	196.9990, -24.6220, 5.6980

Conversions

Conversions Part 2

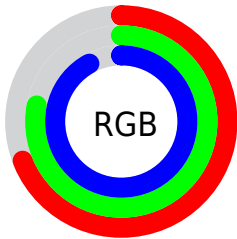
Format	Color
R _Y B	177, 193, 234
Decimal	11651306
CIE Lab	79.95, -0.40, -19.40
CIE LCh	80, 19.400, 268.818
Yxy	56.5962, 0.2734, 0.2885
Android (android.graphics.Color)	4289841386 (0xFFB1C8EA)
YUV	196.9990, 18.2415, -17.5391
Hunter-Lab	75.2304, -4.3882, -15.0683

Details

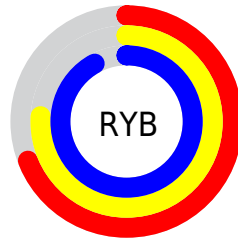
The YUV color $196.9990, 18.2415, -17.5391$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $214.0010, -18.2415, 17.5391$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.4220, 3.2430, -13.5251$, and $142.7710, 17.3679, -17.3392$ is the 20% darker color. If you saturate the color by 10%, you get $181.9040, 25.6833, -24.4718$, and if you desaturate by 10%, it is $212.0940, 10.7997, -10.6064$.

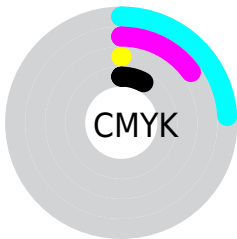
Distribution



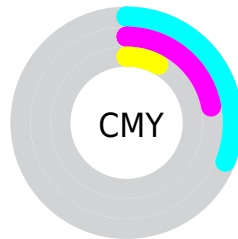
- Red (69%)
- Green (78%)
- Blue (92%)



- Red (69%)
- Yellow (76%)
- Blue (92%)



- Cyan (24%)
- Magenta (15%)
- Yellow (0%)
- Black (8%)



- Cyan (31%)
- Magenta (22%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.9990, 18.2415, -17.5391 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 196.9990, 18.2415, -17.5391 by changing the saturation by 10% instead.

■ 196.9990, 18.2415,
-17.5391

■ 196.9990, 18.2415,
-17.5391

255.0000, 0.0000,
0.0000

■ 169.8850, 17.8047,
-17.4391

■ 248.4220, 3.2430,
-13.5251

■ 142.7710, 17.3679,
-17.3392

■ 117.5430, 16.4943,
-17.1392

■ 92.4290, 16.0575,
-17.0392

■ 68.0160, 15.7681,
-17.5540

■ 44.8910, 15.3367,
-19.1984

■ 23.1790, 15.1948,

-20.3280

■ 4.9360, 13.8356,
-4.3289

■ 0.5700, 2.1840,
-0.4999

■ 196.9990, 18.2415,
-17.5391

■ 196.9990, 18.2415,
-17.5391

■ 181.9040, 25.6833,
-24.4718

■ 212.0940, 10.7997,
-10.6064

■ 166.5100, 33.2726,
-32.0193

■ 227.4880, 3.2104,
-3.0590

■ 151.4150, 40.7144,
-38.9520

■ 242.5830, -4.2314,
3.8737

■ 136.0210, 48.3036,
-46.4994

■ 252.6060, -9.1728,
2.0995

■ 120.9260, 55.7455,
-53.4321

■ 105.8310, 63.1873,
-60.3648

■ 90.4370, 70.7766,
-67.9122

■ 81.8540, 75.0080,
-71.7860

Harmonies

Analogous

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



193.6830, 17.4113, -31.2940



196.9990, 18.2415, -17.5391



200.1970, 14.6929, 0.7042

Triad

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



196.9990, 18.2415, -17.5391



201.0810, -9.4069, 30.6240



193.6420, -7.2185, -18.1030

Complementary

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



196.9990, 18.2415, -17.5391



214.0010, -18.2415, 17.5391

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.



195.2050, -14.3981, -1.9338



196.9990, 18.2415, -17.5391



199.4410, -15.5004, 25.0462

Square

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



196.9990, 18.2415, -17.5391



201.9480, -0.9604, 28.1096



197.7940, -17.6464, 13.3357



191.7850, 2.5710, -31.3834

Rectangle

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



196.9990, 18.2415, -17.5391



201.1230, 10.2924, 12.1701



197.7940, -17.6464, 13.3357



193.9910, -9.8556, -12.2701

Sweetspot

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



196.9990, 18.2415, -17.5391



243.1610, 5.8366, -5.4032



214.2210, -2.0810, -32.6428



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.



196.9990, 18.2415, -17.5391



207.0460, 23.6413, -22.8423



184.9930, 24.1605, -2.6249



109.6020, 3.6472, -3.1590



63.4850, 57.9349, -55.6763



19.0700, 17.2205, -16.7244

Inverse Universe

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



196.6650, 1.6442, 32.7428



206.5460, 2.1958, 42.4942



226.0070, -24.1605, 2.6249



109.7450, 0.1257, 6.3626



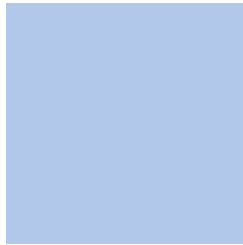
62.4410, 5.2056, 103.9762



18.6540, 1.6496, 30.9984

Previews

White Background



This preview shows how the YUV color 196.9990, 18.2415, -17.5391 looks on a white background.

Color Contrast Check

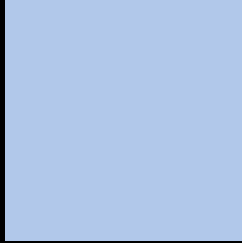
Large Text (above 18pt) WCAG AA × Fail

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 196.9990, 18.2415, -17.5391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

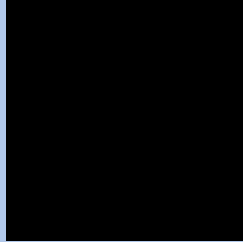
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

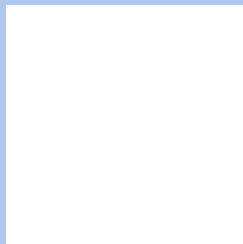
Any Text WCAG AAA ✓ Pass

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

YUV 196.9990, 18.2415, -17.5391 Background



This preview shows how black text looks on a background with the YUV color 196.9990, 18.2415, -17.5391.



This preview shows how white text looks on a background with the YUV color 196.9990, 18.2415, -17.5391.

-17.5391.

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

196.9990, 18.2415, -17.5391

Protanopia

198.4950, 16.0250, -6.5731

Deuteranopia

199.5820, 17.4611, -0.5104



Tritanopia

196.1530, 11.2636, -19.4282

Trichromacy



Original Color

196.9990, 18.2415, -17.5391

Protanomaly

197.7010, 16.9094, -10.2618

Deuteranomaly

198.9510, 17.7722, -6.9730

Tritanomaly

196.4350, 13.5895, -18.7985

Monochromacy



Original Color

196.9990, 18.2415, -17.5391

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.9760, 6.4208, -6.1180

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.9990, 18.2415, -17.5391 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(177, 200, 234)` looks like.

```
.text, #text, p{  
    color:rgb(177, 200, 234)  
}
```

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(177, 200, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 200, 234) }
```

Border

The CSS property to change the border of an element to YUV 196.9990, 18.2415, -17.5391 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(177, 200, 234) }
```


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

```
.border{ border-color:rgb(177, 200, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 200, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 200, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 200, 234);  
box-shadow:4px 4px 4px 4px rgb(177, 200,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 196.9990, 18.2415, -17.5391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 200, 234) }
```

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

```
.background{ background-color: rgb(177,  
200, 234) }
```

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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