

Converting Colors

YUV(199.2230, 18.1311,
-75.6176)

Have a look what the booklet for
YUV(199.2230, 18.1311, -75.6176)
contains.

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Color

**YUV(199.2230, 18.1311,
-75.6176)**

Conversions

Conversions Part 1

Format	Color
Hex	71ECEC
RGB	113, 236, 236
RGB Percent	44%, 93%, 93%
CMY	0.5569, 0.0745, 0.0745
CMYK	0.52, 0.00, 0.00, 0.07
HSL	180°, 76%, 68%
HSV	180°, 52%, 93%
XYZ	51.9458, 69.5577, 90.0450
YIQ	199.2230, -73.3080, -26.0760

Conversions

Conversions Part 2

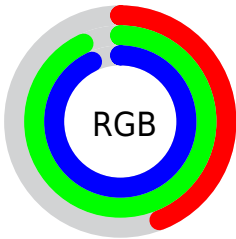
Format	Color
RYB	113, 175, 236
Decimal	7466220
CIELab	86.78, -34.22, -10.52
CIELCh	87, 35.800, 197.093
Yxy	69.5577, 0.2456, 0.3288
Android (android.graphics.Color)	4285656300 (0xFF71ECEC)
YUV	199.2230, 18.1311, -75.6176
Hunter-Lab	83.4013, -34.7749, -5.6321

Details

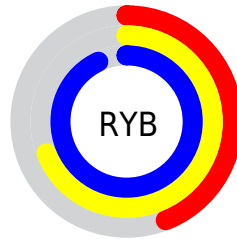
The YUV color **199.2230, 18.1311, -75.6176** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **149.7770, -18.1311, 75.6176**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.7810, 11.9400, -49.7969**, and **139.0370, 20.1948, -84.2244** is the 20% darker color. If you saturate the color by 10%, you get **192.0470, 21.6688, -90.3722**, and if you desaturate by 10%, it is **206.3990, 14.5933, -60.8629**.

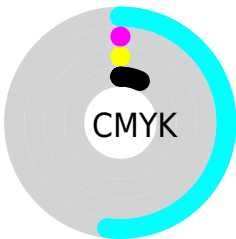
Distribution



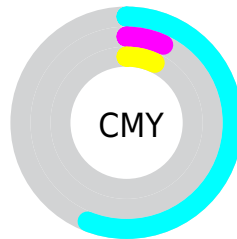
- Red (44%)
- Green (93%)
- Blue (93%)



- Red (44%)
- Yellow (69%)
- Blue (93%)



- Cyan (52%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (56%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.2230, 18.1311, -75.6176 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 199.2230, 18.1311, -75.6176 by changing the saturation by 10% instead.

199.2230, 18.1311,
-75.6176

199.2230, 18.1311,
-75.6176

255.0000, 0.0000,
0.0000

170.0270, 18.7207,
-78.0767

230.7810, 11.9400,
-49.7969

139.0370, 20.1948,
-84.2244

239.7510, 7.5178,
-31.3536

107.2530, 22.5533,
-94.0609

248.7210, 3.0955,
-12.9103

88.5540, 19.4469,
-77.6619

71.0290, 15.7617,
-62.2924

53.6180, 12.5133,
-47.0230

37.4950, 9.1230,

-32.8831

■ 22.6600, 5.5906,
-19.8728

■ 1.3680, 5.2416,
-1.1997

■ 199.2230, 18.1311,
-75.6176

■ 199.2230, 18.1311,
-75.6176

■ 192.0470, 21.6688,
-90.3722

■ 206.3990, 14.5933,
-60.8629

■ 185.1700, 25.0592,
-104.5121

■ 213.2760, 11.2029,
-46.7231

■ 177.9940, 28.5970,
-119.2667

■ 220.4520, 7.6652,
-31.9684

■ 171.1170, 31.9873,
-133.4066

■ 227.3290, 4.2748,
-17.8285

■ 165.4360, 34.7881,
-145.0874

■ 234.5050, 0.7370,
-3.0739

■ 241.6810, -2.8007,
11.6808

Harmonies

Analogous

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



203.9150, -1.4371, -52.5455



199.2230, 18.1311, -75.6176



199.9270, 27.1510, -75.3580

Triad

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



199.2230, 18.1311, -75.6176



221.1980, 16.6644, 21.7514



216.7290, -32.4044, 33.5637

Complementary

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



199.2230, 18.1311, -75.6176



149.7770, -18.1311, 75.6176

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.



212.3240, -21.3587, 37.4269



199.2230, 18.1311, -75.6176



216.6850, 8.0433, 33.6023

Square

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



199.2230, 18.1311, -75.6176



215.0860, 19.6776, -11.4764



211.6350, -6.2291, 38.0311



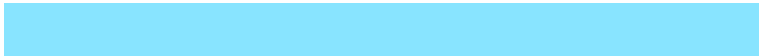
213.1340, -30.1391, 6.8985

Rectangle

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



199.2230, 18.1311, -75.6176



203.5700, 25.3550, -59.2589



211.6350, -6.2291, 38.0311



214.9510, -29.0628, 35.1230

Sweetspot

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



199.2230, 18.1311, -75.6176



242.7410, 6.0437, -25.2059



185.2010, -35.5951, -63.3203



120.5250, 3.6852, -15.3694



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.



199.2230, 18.1311, -75.6176



206.8610, 23.7325, -98.9791



162.8290, 36.0733, -43.7000



113.7110, 1.6215, -6.7625



126.8810, 26.6807, -111.2746



37.8540, 7.9600, -33.1980

Inverse Universe

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



163.7990, 35.5951, 63.3203



160.4930, 46.5920, 82.8826



185.5840, -35.7839, 44.2148



110.5430, 3.1833, 5.6628



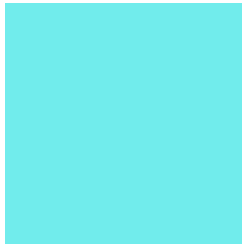
74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 199.2230, 18.1311, -75.6176 looks on a white background.

Color Contrast Check

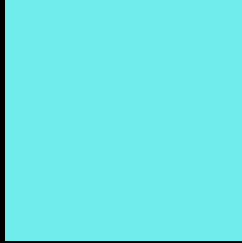
Large Text (above 18pt) WCAG AA × Fail

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 199.2230, 18.1311, -75.6176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

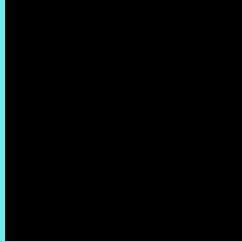
Any Text WCAG AA ✓ Pass

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 199.2230, 18.1311, -75.6176 Background



This preview shows how black text looks on a background with the YUV color 199.2230, 18.1311, -75.6176.



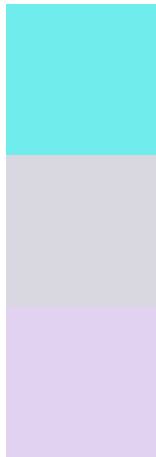
This preview shows how white text looks on a background with the YUV color 199.2230, 18.1311, -75.6176.

-75.6176.

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

199.2230, 18.1311, -75.6176

Protanopia

216.5100, 3.1996, 0.4297

Deuteranopia

218.1330, 11.7664, 6.0224



Tritanopia

201.0800, 25.1036, -71.9842

Trichromacy



Original Color

199.2230, 18.1311, -75.6176



Protanomaly

210.4140, 8.6699, -27.5501



Deuteranomaly

210.9290, 14.3320, -23.6167



Tritanomaly

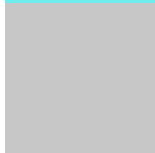
200.3850, 22.4882, -73.1286

Monochromacy



Original Color

199.2230, 18.1311, -75.6176



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

198.8440, 6.4859, -27.0502

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.2230, 18.1311, -75.6176 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, 236, 236)` looks like.

```
.text, #text, p{  
    color:rgb(113, 236, 236)  
}
```

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, 236, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 236, 236) }
```

Border

The CSS property to change the border of an element to YUV 199.2230, 18.1311, -75.6176 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, 236, 236) }
```


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

```
.border{ border-color:rgb(113, 236, 236) }
```

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

Here you see how a box with a 4 pixel rgb(113, 236, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 236, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 236, 236);  
box-shadow:4px 4px 4px 4px rgb(113, 236,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 199.2230, 18.1311, -75.6176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 236, 236) }
```

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

```
.background{ background-color: rgb(113,  
236, 236) }
```

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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