

Converting Colors

YUV(193.2230, 18.1311,
-75.6176)

Have a look what the booklet for
YUV(193.2230, 18.1311, -75.6176)
contains.

YUV(193.2230, 18.1311, -75.6176)	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(193.2230, 18.1311,
-75.6176)**

Conversions

Conversions Part 1

Format	Color
Hex	6BE6E6
RGB	107, 230, 230
RGB Percent	42%, 90%, 90%
CMY	0.5804, 0.0980, 0.0980
CMYK	0.53, 0.00, 0.00, 0.10
HSL	180°, 71%, 66%
HSV	180°, 53%, 90%
XYZ	48.6431, 65.4326, 84.9289
YIQ	193.2230, -73.3080, -26.0760

Conversions

Conversions Part 2

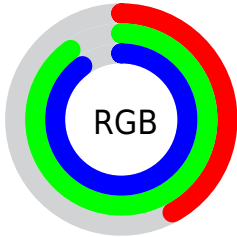
Format	Color
RYB	107, 169, 230
Decimal	7071462
CIELab	84.71, -34.14, -10.47
CIELCh	85, 35.706, 197.055
Yxy	65.4326, 0.2444, 0.3288
Android (android.graphics.Color)	4285261542 (0xFF6BE6E6)
YUV	193.2230, 18.1311, -75.6176
Hunter-Lab	80.8904, -34.2179, -5.6268

Details

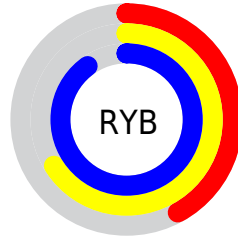
The YUV color **193.2230, 18.1311, -75.6176** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **143.7770, -18.1311, 75.6176**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.9870, 12.8244, -53.4856**, and **132.2540, 21.0738, -86.1688** is the 20% darker color. If you saturate the color by 10%, you get **186.3460, 21.5214, -89.7574**, and if you desaturate by 10%, it is **200.1000, 14.7407, -61.4777**.

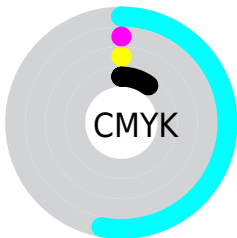
Distribution



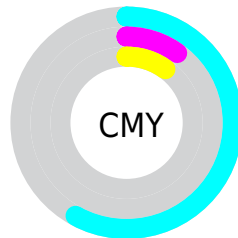
- Red (42%)
- Green (90%)
- Blue (90%)



- Red (42%)
- Yellow (66%)
- Blue (90%)



- Cyan (53%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (58%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.2230, 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 193.2230, 18.1311, -75.6176 by changing the saturation by 10% instead.

193.2230, 18.1311,
-75.6176

193.2230, 18.1311,
-75.6176

255.0000, 0.0000,
0.0000

163.7280, 18.8681,
-78.6915

228.9870, 12.8244,
-53.4856

132.2540, 21.0738,
-86.1688

237.9570, 8.4022,
-35.0423

103.1610, 22.1056,
-90.4722

246.9270, 3.9800,
-16.5990

84.9350, 18.2730,
-74.4880

67.4100, 14.5879,
-59.1186

50.1130, 11.7763,
-43.9491

33.9900, 8.3859,

-29.8092

■ 18.6820, 5.5798,
-16.3841

■ 0.3420, 1.3104,
-0.2999

■ 193.2230, 18.1311,
-75.6176

■ 193.2230, 18.1311,
-75.6176

■ 186.3460, 21.5214,
-89.7574

■ 200.1000, 14.7407,
-61.4777

■ 179.4690, 24.9118,
-103.8973

■ 206.9770, 11.3503,
-47.3378

■ 172.5920, 28.3021,
-118.0372

■ 213.8540, 7.9600,
-33.1980

■ 165.7150, 31.6925,
-132.1771

■ 220.7310, 4.5696,
-19.0581

■ 161.2300, 33.9036,
-141.3987

■ 227.6080, 1.1793,
-4.9182

■ 234.4850, -2.2111,
9.2217

■ 237.4750, -3.6852,
15.3694

Harmonies

Analogous

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



197.9150, -1.4371, -52.5455



193.2230, 18.1311, -75.6176



194.3120, 29.9192, -76.5726

Triad

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



193.2230, 18.1311, -75.6176



215.8820, 19.2852, 21.1515



210.5440, -31.8202, 32.8489

Complementary

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



193.2230, 18.1311, -75.6176



143.7770, -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.



208.2320, -21.8064, 41.0155



193.2230, 18.1311, -75.6176



212.5930, 7.5957, 37.1909

Square

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



193.2230, 18.1311, -75.6176



209.7700, 22.2984, -12.0763



208.0160, -7.4029, 41.2050



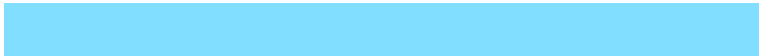
207.1340, -30.1391, 6.8985

Rectangle

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



193.2230, 18.1311, -75.6176



198.2540, 27.9758, -59.8588



208.0160, -7.4029, 41.2050



210.7450, -29.9473, 38.8116

Sweetspot

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



193.2230, 18.1311, -75.6176



242.7410, 6.0437, -25.2059



179.2010, -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.



193.2230, 18.1311, -75.6176



206.2630, 24.0273, -100.2087



157.4160, 35.7839, -44.2148



111.4120, 1.7689, -7.3773



125.4790, 26.3859, -110.0451



35.7510, 7.5178, -31.3536

Inverse Universe

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



157.7990, 35.5951, 63.3203



159.3190, 47.1707, 83.9122



180.1710, -36.0733, 43.7000



107.9560, 3.4727, 6.1776



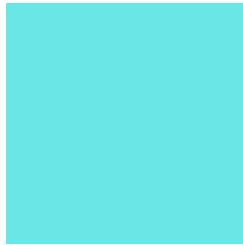
73.9270, 51.8010, 92.1490



21.0630, 14.7589, 26.2547

Previews

White Background



This preview shows how the YUV color 193.2230, 18.1311, -75.6176 looks on a white background.

Color Contrast Check

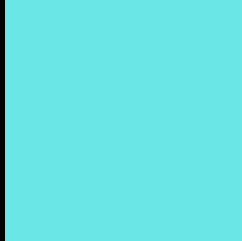
Large Text (above 18pt) WCAG AA × Fail

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 193.2230, 18.1311, -75.6176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

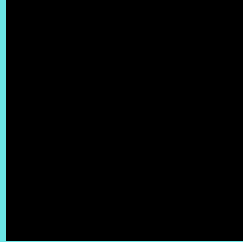
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.2230, 18.1311, -75.6176

Background



This preview shows how black text looks on a background with the YUV color 193.2230, 18.1311, -75.6176.



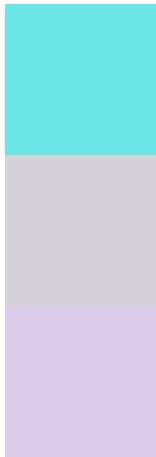
This preview shows how white text looks on a background with the YUV color 193.2230, 18.1311, -75.6176.

-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

193.2230, 18.1311, -75.6176

Protanopia

210.8090, 3.0522, 1.0445

Deuteranopia

212.1330, 11.7664, 6.0224



Tritanopia

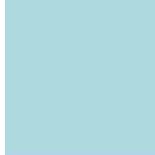
195.6670, 24.8142, -72.4990

Trichromacy



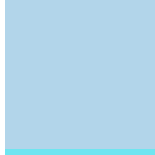
Original Color

193.2230, 18.1311, -75.6176



Protanomaly

204.7130, 8.5225, -26.9353



Deuteranomaly

204.9290, 14.3320, -23.6167



Tritanomaly

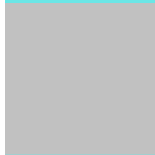
194.9720, 22.1988, -73.6434

Monochromacy



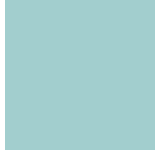
Original Color

193.2230, 18.1311, -75.6176



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

192.8440, 6.4859, -27.0502

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.2230, 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(107, 230, 230)` looks like.

```
.text, #text, p{  
    color:rgb(107, 230, 230)  
}
```

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(107, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 230, 230) }
```

Border

The CSS property to change the border of an element to YUV 193.2230, 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(107, 230, 230) }
```


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

```
.border{ border-color:rgb(107, 230, 230) }
```

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

Here you see how a box with a 4 pixel rgb(107, 230, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(107, 230,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 193.2230, 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(107, 230, 230) }
```

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

```
.background{ background-color: rgb(107,  
230, 230) }
```

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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