

Converting Colors

YUV(151.1470, 20.1405,
-66.7809)

Have a look what the booklet for
YUV(151.1470, 20.1405, -66.7809)
contains.

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Color

**YUV(151.1470, 20.1405,
-66.7809)**

Conversions

Conversions Part 1

Format	Color
Hex	4BB6C0
RGB	75, 182, 192
RGB Percent	29%, 71%, 75%
CMY	0.7059, 0.2863, 0.2471
CMYK	0.61, 0.05, 0.00, 0.25
HSL	185°, 48%, 52%
HSV	185°, 61%, 75%
XYZ	29.1440, 38.7575, 55.8141
YIQ	151.1470, -66.9820, -19.5740

Conversions

Conversions Part 2

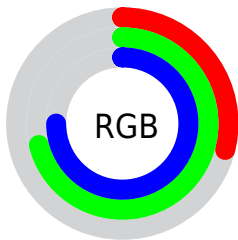
Format	Color
RYB	75, 131, 192
Decimal	4961984
CIELab	68.58, -27.39, -14.24
CIElCh	69, 30.868, 207.480
Yxy	38.7575, 0.2356, 0.3133
Android (android.graphics.Color)	4283152064 (0xFF4BB6C0)
YUV	151.1470, 20.1405, -66.7809
Hunter-Lab	62.2555, -25.3850, -9.5765

Details

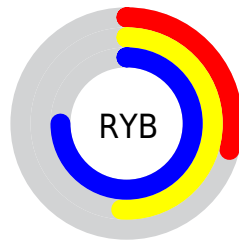
The YUV color **151.1470, 20.1405, -66.7809** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **115.8530, -20.1405, 66.7809**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.3430, 19.5509, -64.3218**, and **91.5690, 23.3835, -80.3060** is the 20% darker color. If you saturate the color by 10%, you get **144.2920, 23.5200, -77.4321**, and if you desaturate by 10%, it is **158.0020, 16.7610, -56.1298**.

Distribution



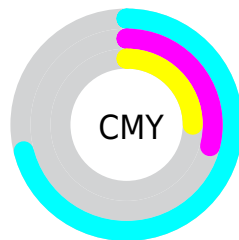
- Red (29%)
- Green (71%)
- Blue (75%)



- Red (29%)
- Yellow (51%)
- Blue (75%)



- Cyan (61%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (71%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.1470, 20.1405, -66.7809 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 151.1470, 20.1405, -66.7809 by changing the saturation by 10% instead.

■ 151.1470, 20.1405,
-66.7809

■ 151.1470, 20.1405,
-66.7809

■ 255.0000, 0.0000,
0.0000

■ 121.4560, 21.4672,
-72.3139

■ 208.3430, 19.5509,
-64.3218

■ 91.5690, 23.3835,
-80.3060

■ 228.0900, 13.2666,
-55.3299

■ 73.3430, 19.5509,
-64.3218

■ 236.7610, 8.9918,
-37.5014

■ 56.5190, 16.0131,
-49.5672

■ 245.7310, 4.5696,
-19.0581

■ 39.6950, 12.4754,
-34.8125

■ 254.7010, 0.1474,
-0.6148

■ 25.4470, 8.6536,
-22.3170

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 151.1470, 20.1405,
-66.7809

■ 151.1470, 20.1405,
-66.7809

■ 144.2920, 23.5200,
-77.4321

■ 158.0020, 16.7610,
-56.1298

■ 138.0240, 26.6102,
-88.5980

■ 164.2700, 13.6709,
-44.9638

■ 130.8700, 30.1371,
-99.8640

■ 171.4240, 10.1440,
-33.6978

■ 125.2000, 32.9324,
-109.8004

■ 178.2790, 6.7645,
-23.0467

■ 184.5470, 3.6743,
-11.8807

■ 191.4020, 0.2948,
-1.2296

■ 197.6700, -2.7953,
9.9364

■ 204.8240, -6.3222,
21.2024

■ 211.6790, -9.7017,
31.8535

Harmonies

Analogous

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



153.9350, 4.9620, -51.6860



151.1470, 20.1405, -66.7809



155.0800, 28.5546, -58.8292

Triad

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



151.1470, 20.1405, -66.7809



171.8950, 12.8698, 25.5251



166.0200, -27.1249, 20.1535

Complementary

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



151.1470, 20.1405, -66.7809



115.8530, -20.1405, 66.7809

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.



167.8680, -23.1059, 37.8268



151.1470, 20.1405, -66.7809



171.2640, -0.1302, 41.8645

Square

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



151.1470, 20.1405, -66.7809



169.4770, 23.4288, -1.2953



169.5560, -13.0921, 45.9934



162.7290, -22.5444, -2.3933

Rectangle

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



151.1470, 20.1405, -66.7809



160.5320, 29.8107, -41.6856



169.5560, -13.0921, 45.9934



166.2920, -26.2730, 26.9309

Sweetspot

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



151.1470, 20.1405, -66.7809



234.1970, 7.7909, -25.6058



144.8190, -29.4908, -61.2313



115.4540, 4.7062, -16.1842



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



151.1470, 20.1405, -66.7809



185.8910, 31.6057, -104.2674



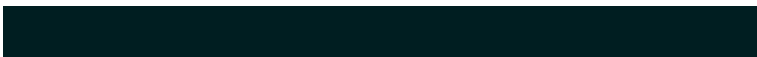
117.1010, 36.9252, -36.9226



93.4230, 1.7635, -5.6330



104.6430, 27.7840, -91.7719



21.3720, 5.7326, -18.7432

Inverse Universe

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



122.1810, 29.4908, 61.2313



140.7550, 45.9698, 95.8079



149.8990, -36.9252, 36.9226



91.0160, 2.4571, 5.2480



64.8970, 40.4768, 84.2823



13.2870, 8.2395, 17.2883

Previews

White Background



This preview shows how the YUV color 151.1470, 20.1405, -66.7809 looks on a white background.

Color Contrast Check

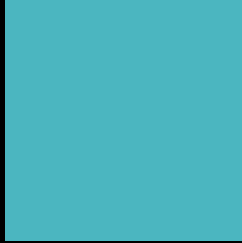
Large Text (above 18pt) WCAG AA × Fail

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 151.1470, 20.1405, -66.7809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

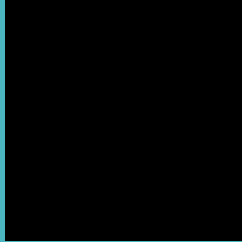
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.1470, 20.1405, -66.7809

Background



This preview shows how black text looks on a background with the YUV color 151.1470, 20.1405, -66.7809.



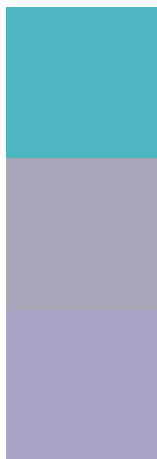
This preview shows how white text looks on a background with the YUV color 151.1470, 20.1405, -66.7809.

-66.7809.

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

151.1470, 20.1405, -66.7809

Protanopia

166.8240, 6.9888, -1.5996

Deuteranopia

167.6700, 13.9667, 0.2894



Tritanopia

151.6140, 21.8823, -65.4365

Trichromacy



Original Color

151.1470, 20.1405, -66.7809

Protanomaly

160.9350, 11.8640, -25.3760

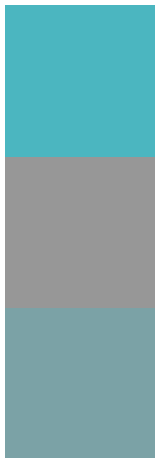
Deuteranomaly

161.4990, 16.5160, -24.1166

Tritanomaly

151.2010, 21.5929, -65.9513

Monochromacy



Original Color

151.1470, 20.1405, -66.7809

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.7950, 7.4961, -24.3762

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.1470, 20.1405, -66.7809 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(75, 182, 192)` looks like.

```
.text, #text, p{  
    color:rgb(75, 182, 192)  
}
```

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(75, 182, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 182, 192) }
```

Border

The CSS property to change the border of an element to YUV 151.1470, 20.1405, -66.7809 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(75, 182, 192) }
```


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

```
.border{ border-color:rgb(75, 182, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 182, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 182, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 182, 192);  
box-shadow:4px 4px 4px 4px rgb(75, 182,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 151.1470, 20.1405, -66.7809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 182, 192) }
```

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

```
.background{ background-color: rgb(75, 182,  
192) }
```

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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