

Converting Colors

YUV(168.7210, 6.0535,
-75.1773)

Have a look what the booklet for
YUV(168.7210, 6.0535, -75.1773)
contains.

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Color

**YUV(168.7210, 6.0535,
-75.1773)**

Conversions

Conversions Part 1

Format	Color
Hex	53D2B5
RGB	83, 210, 181
RGB Percent	33%, 82%, 71%
CMY	0.6745, 0.1765, 0.2902
CMYK	0.60, 0.00, 0.14, 0.18
HSL	166°, 59%, 57%
HSV	166°, 60%, 82%
XYZ	34.9544, 51.2684, 51.7696
YIQ	168.7210, -66.3830, -35.9430

Conversions

Conversions Part 2

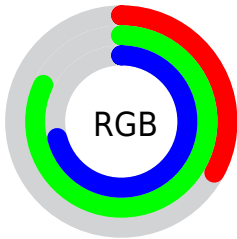
Format	Color
RYB	83, 155, 210
Decimal	5493429
CIELab	76.84, -41.95, 3.97
CIElCh	77, 42.139, 174.592
Yxy	51.2684, 0.2533, 0.3715
Android (android.graphics.Color)	4283683509 (0xFF53D2B5)
YUV	168.7210, 6.0535, -75.1773
Hunter-Lab	71.6019, -38.1640, 7.2536

Details

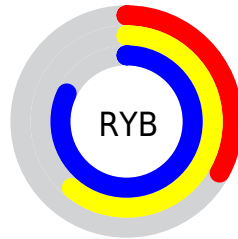
The YUV color **168.7210, 6.0535, -75.1773** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **124.2790, -6.0535, 75.1773**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.7590, 8.4998, -66.4406**, and **105.5770, 11.0545, -92.5910** is the 20% darker color. If you saturate the color by 10%, you get **161.8720, 6.9651, -87.5877**, and if you desaturate by 10%, it is **175.5700, 5.1420, -62.7669**.

Distribution



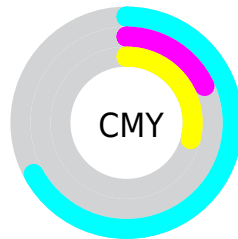
- Red (33%)
- Green (82%)
- Blue (71%)



- Red (33%)
- Yellow (61%)
- Blue (82%)



- Cyan (60%)
- Magenta (0%)
- Yellow (14%)
- Black (18%)



- Cyan (67%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.7210, 6.0535, -75.1773 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 168.7210, 6.0535, -75.1773 by changing the saturation by 10% instead.

■ 168.7210, 6.0535,
-75.1773

■ 168.7210, 6.0535,
-75.1773

255.0000, 0.0000,
0.0000

■ 138.7420, 7.5222,
-79.5807

■ 219.7590, 8.4998,
-66.4406

■ 105.5770, 11.0545,
-92.5910

■ 230.7810, 11.9400,
-49.7969

■ 86.8780, 7.9481,
-76.1920

■ 239.4520, 7.6652,
-31.9684

■ 68.8800, 4.9892,
-60.4078

■ 248.4220, 3.2430,
-13.5251

■ 51.5830, 2.1776,
-45.2383

■ 35.1010, -0.0498,
-30.7836

■ 20.3800, -3.1453,

-17.8733

■ 0.0000, 0.0000,
0.0000

■ 168.7210, 6.0535,
-75.1773

■ 168.7210, 6.0535,
-75.1773

■ 161.8720, 6.9651,
-87.5877

■ 175.5700, 5.1420,
-62.7669

■ 155.0230, 7.8767,
-99.9982

■ 182.4190, 4.2304,
-50.3565

■ 148.2880, 9.2250,
-112.5086

■ 189.1540, 2.8821,
-37.8461

■ 141.7380, 9.9892,
-124.3042

■ 196.0030, 1.9705,
-25.4356

■ 202.8520, 1.0590,
-13.0252

■ 209.7010, 0.1474,
-0.6148

■ 216.5500, -0.7641,
11.7957

■ 223.2850, -2.1125,
24.3061

■ 225.0510, -0.5181,
26.2653

Harmonies

Analogous

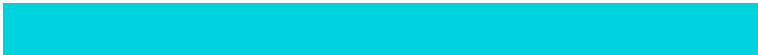
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



178.1870, -17.3472, -36.1210



168.7210, 6.0535, -75.1773



148.4640, 35.7602, -130.2029

Triad

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



168.7210, 6.0535, -75.1773



190.9200, 31.5914, -6.0688



189.9040, -31.0117, 53.5812

Complementary

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



168.7210, 6.0535, -75.1773



124.2790, -6.0535, 75.1773

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.



188.8780, -14.7299, 57.9890



168.7210, 6.0535, -75.1773



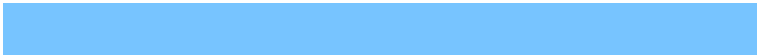
194.7740, 19.8314, 32.6472

Square

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



168.7210, 6.0535, -75.1773



179.7030, 37.1214, -53.2365



192.7370, 2.5947, 54.6047



187.3280, -37.6297, 29.5303

Rectangle

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



168.7210, 6.0535, -75.1773



149.2110, 46.2380, -130.8580



192.7370, 2.5947, 54.6047



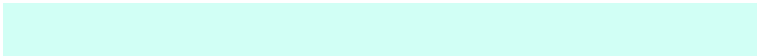
189.8920, -26.0758, 57.0997

Sweetspot

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



168.7210, 6.0535, -75.1773



240.1060, 2.4127, -27.2800



166.5190, -41.1749, -46.9362



118.5310, 1.2172, -17.1287



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.



168.7210, 6.0535, -75.1773



194.4840, 8.6354, -110.0495



152.0690, 28.5600, -60.5735



101.3690, 0.3111, -6.4626



113.4360, 8.1661, -99.4834



27.6010, 1.6757, -24.2061

Inverse Universe

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



124.2790, -6.0535, 75.1773



129.4020, -9.0722, 110.1494



140.9310, -28.5600, 60.5735



97.5170, -0.7479, 6.5626



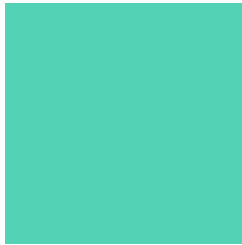
54.5640, -8.1661, 99.4834



13.2850, -2.1125, 24.3061

Previews

White Background



This preview shows how the YUV color 168.7210, 6.0535, -75.1773 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 168.7210, 6.0535, -75.1773 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

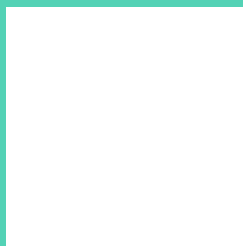
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 168.7210, 6.0535, -75.1773

Background



This preview shows how black text looks on a background with the YUV color 168.7210, 6.0535, -75.1773.



This preview shows how white text looks on a background with the YUV color 168.7210, 6.0535, -75.1773.

-75.1773.

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

168.7210, 6.0535, -75.1773

Protanopia

188.2260, -9.4784, 6.8178

Deuteranopia

190.0450, -1.5012, 14.8695



Tritanopia

174.2440, 23.0507, -66.8660

Trichromacy



Original Color

168.7210, 6.0535, -75.1773



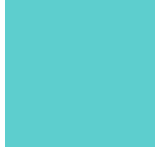
Protanomaly

181.1190, -4.0027, -22.9064



Deuteranomaly

182.2320, 1.3646, -17.7435



Tritanomaly

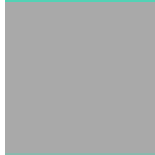
172.2130, 16.6570, -69.4698

Monochromacy



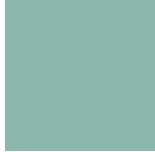
Original Color

168.7210, 6.0535, -75.1773



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

168.9920, 1.9759, -27.1800

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.7210, 6.0535, -75.1773 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(83, 210, 181)` looks like.

```
.text, #text, p{  
    color:rgb(83, 210, 181)  
}
```

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(83, 210, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 210, 181) }
```

Border

The CSS property to change the border of an element to YUV 168.7210, 6.0535, -75.1773 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(83, 210, 181) }
```


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

```
.border{ border-color:rgb(83, 210, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 210, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 210, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 210, 181);  
box-shadow:4px 4px 4px 4px rgb(83, 210,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 168.7210, 6.0535, -75.1773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 210, 181) }
```

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

```
.background{ background-color: rgb(83, 210,  
181) }
```

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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