

# Converting Colors

YUV(169.8590, 20.2825,  
-65.6513)

Have a look what the booklet for  
YUV(169.8590, 20.2825, -65.6513)  
contains.

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# Color

**YUV(169.8590, 20.2825,  
-65.6513)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FC8D3
RGB	95, 200, 211
RGB Percent	37%, 78%, 83%
CMY	0.6275, 0.2157, 0.1725
CMYK	0.55, 0.05, 0.00, 0.17
HSL	186°, 57%, 60%
HSV	186°, 55%, 83%
XYZ	37.1315, 48.4446, 69.0217
YIQ	169.8590, -66.1110, -18.8390

# Conversions

## Conversions Part 2

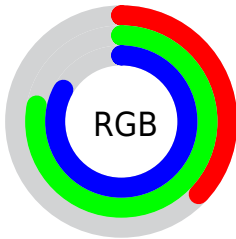
Format	Color
<b>RYB</b>	95, 150, 211
Decimal	6277331
CIELab	75.10, -27.18, -14.73
CIELCh	75, 30.912, 208.457
Yxy	48.4446, 0.2402, 0.3134
Android (android.graphics.Color)	4284467411 (0xFF5FC8D3)
YUV	169.8590, 20.2825, -65.6513
Hunter-Lab	69.6022, -26.5773, -10.0741

# Details

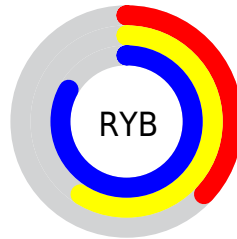
The YUV color **169.8590, 20.2825, -65.6513** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **136.1410, -20.2825, 65.6513**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.8010, 14.8881, -62.0925**, and **109.4660, 22.9413, -78.4617** is the 20% darker color. If you saturate the color by 10%, you get **162.4060, 23.9568, -77.5321**, and if you desaturate by 10%, it is **177.3120, 16.6082, -53.7706**.

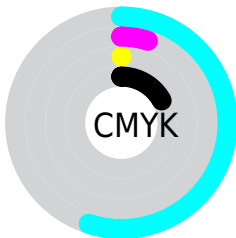
# Distribution



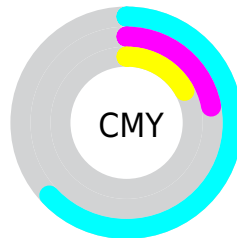
- Red (37%)
- Green (78%)
- Blue (83%)



- Red (37%)
- Yellow (59%)
- Blue (83%)



- Cyan (55%)
- Magenta (5%)
- Yellow (0%)
- Black (17%)



- Cyan (63%)
- Magenta (22%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 169.8590, 20.2825, -65.6513 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 169.8590, 20.2825, -65.6513 by changing the saturation by 10% instead.



169.8590, 20.2825,  
-65.6513

169.8590, 20.2825,  
-65.6513

255.0000, 0.0000,  
0.0000

140.6630, 20.8721,  
-68.1105

224.8010, 14.8881,  
-62.0925

109.4660, 22.9413,  
-78.4617

233.7710, 10.4659,  
-43.6492

85.2600, 22.0568,  
-74.7730

242.7410, 6.0437,  
-25.2059

67.7350, 18.3716,  
-59.4036

251.7110, 1.6215,  
-6.7625

50.9110, 14.8339,  
-44.6489

34.2010, 11.7329,  
-29.9943

20.5400, 7.6218,

-18.0136

■ 2.2970, 6.2626,  
-2.0145

■ 0.0000, 0.0000,  
0.0000

■ 169.8590, 20.2825,  
-65.6513

■ 169.8590, 20.2825,  
-65.6513

■ 162.4060, 23.9568,  
-77.5321

■ 177.3120, 16.6082,  
-53.7706

■ 154.9530, 27.6312,  
-89.4128

■ 184.7650, 12.9339,  
-41.8899

■ 147.5000, 31.3055,  
-101.2935

■ 192.2180, 9.2595,  
-30.0092

■ 140.0470, 34.9798,  
-113.1742

■ 199.6710, 5.5852,  
-18.1285

■ 136.1710, 36.8907,  
-119.4220

■ 207.4230, 1.7635,  
-5.6330

■ 214.8760, -1.9109,  
6.2477

■ 222.3290, -5.5852,  
18.1285

■ 227.0910, -7.9329,  
24.4762

■ 228.2650, -8.5116,  
23.4466

# Harmonies

## Analogous

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



172.2230, 4.8201, -52.8156



169.8590, 20.2825, -65.6513



174.2050, 28.9859, -57.1848

# Triad

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



169.8590, 20.2825, -65.6513



189.4930, 12.5750, 26.7546



183.9060, -27.5617, 20.2534

# Complementary

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



169.8590, 20.2825, -65.6513



136.1410, -20.2825, 65.6513

# 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.



185.9390, -24.1269, 38.6415



169.8590, 20.2825, -65.6513



189.0470, -1.0092, 43.8088

# Square

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



169.8590, 20.2825, -65.6513



187.1890, 23.5708, -0.1658



187.6270, -14.1131, 46.8081



180.3160, -22.8338, -2.9081



# Rectangle

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



169.8590, 20.2825, -65.6513



178.9450, 30.1001, -41.1708



187.6270, -14.1131, 46.8081



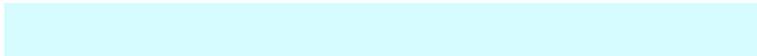
184.0640, -27.1466, 27.1309

# Sweetspot

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



169.8590, 20.2825, -65.6513



240.3930, 7.2013, -23.1467



164.2320, -29.2014, -60.7165



118.7640, 4.5533, -13.8250



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

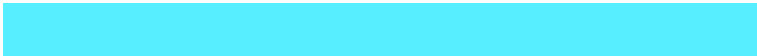


# Same Dimension

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



169.8590, 20.2825, -65.6513



195.3760, 29.3946, -95.0458



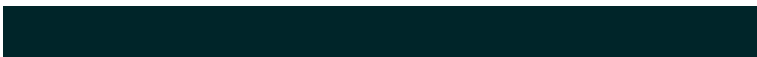
136.4000, 36.7778, -36.3078



101.1240, 1.9109, -6.2477



108.3760, 29.3946, -95.0458



26.3930, 7.2013, -23.1467



# Inverse Universe

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



141.6540, 28.7646, 60.8164



154.5600, 41.6289, 88.0859



169.6000, -36.7778, 36.3078



98.4290, 2.7465, 5.7628



67.5600, 41.6289, 88.0859

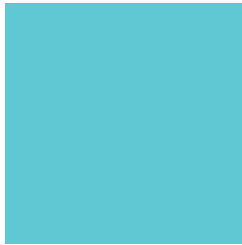


16.4770, 10.1178, 21.5067



# Previews

## White Background



This preview shows how the YUV color 169.8590, 20.2825, -65.6513 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

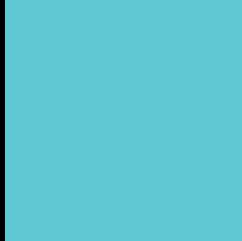
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 169.8590, 20.2825, -65.6513 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 169.8590, 20.2825, -65.6513 Background



This preview shows how black text looks on a background with the YUV color 169.8590, 20.2825, -65.6513.



This preview shows how white text looks on a background with the YUV color 169.8590, 20.2825, -65.6513.

-65.6513.

# 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

169.8590, 20.2825, -65.6513

### Protanopia

184.6390, 7.5730, -2.3144

### Deuteranopia

185.1970, 14.6929, 0.7042



## Tritanopia

170.3260, 22.0243, -64.3069

# Trichromacy



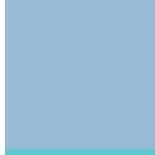
## Original Color

169.8590, 20.2825, -65.6513



## Protanomaly

179.0490, 12.3008, -25.4760



## Deuteranomaly

179.9120, 16.8054, -23.6018



## Tritanomaly

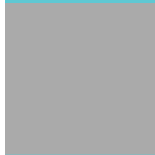
169.9130, 21.7349, -64.8217

# Monochromacy



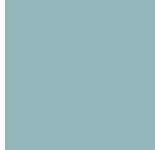
## Original Color

169.8590, 20.2825, -65.6513



## Achromatopsia

170.0000, 0.0000, 0.0000



## Achromatomaly

170.0940, 7.3487, -23.7614

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 169.8590, 20.2825, -65.6513 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(95, 200, 211)` looks like.

```
.text, #text, p{  
    color:rgb(95, 200, 211)  
}
```

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(95, 200, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 200, 211) }
```

## Border

The CSS property to change the border of an element to YUV 169.8590, 20.2825, -65.6513 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(95, 200, 211) }
```



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

```
.border{ border-color:rgb(95, 200, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 200, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 200, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 200, 211);  
box-shadow:4px 4px 4px 4px rgb(95, 200,  
211) }
```

# Background

The CSS property to change the background color of an element to YUV 169.8590, 20.2825, -65.6513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 200, 211) }
```

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

```
.background{ background-color: rgb(95, 200,  
211) }
```

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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