

Converting Colors

YUV(168.8410, 4.0224,
-77.0366)

Have a look what the booklet for
YUV(168.8410, 4.0224, -77.0366)
contains.

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Color

**YUV(168.8410, 4.0224,
-77.0366)**

Conversions

Conversions Part 1

Format	Color
Hex	51D4B1
RGB	81, 212, 177
RGB Percent	32%, 83%, 69%
CMY	0.6824, 0.1686, 0.3059
CMYK	0.62, 0.00, 0.17, 0.17
HSL	164°, 60%, 57%
HSV	164°, 62%, 83%
XYZ	34.8726, 52.0106, 49.7960
YIQ	168.8410, -66.8410, -38.6570

Conversions

Conversions Part 2

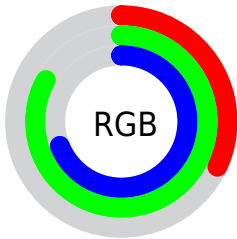
Format	Color
RYB	81, 157, 212
Decimal	5362865
CIELab	77.29, -44.15, 6.75
CIELCh	77, 44.666, 171.308
Yxy	52.0106, 0.2551, 0.3805
Android (android.graphics.Color)	4283552945 (0xFF51D4B1)
YUV	168.8410, 4.0224, -77.0366
Hunter-Lab	72.1184, -39.8940, 9.5445

Details

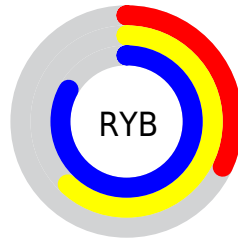
The YUV color **168.8410, 4.0224, -77.0366** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **124.1590, -4.0224, 77.0366**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.7050, 7.0474, -67.2703**, and **106.2950, 8.7286, -93.2207** is the 20% darker color. If you saturate the color by 10%, you get **161.8780, 4.4971, -89.3470**, and if you desaturate by 10%, it is **175.8040, 3.5476, -64.7261**.

Distribution



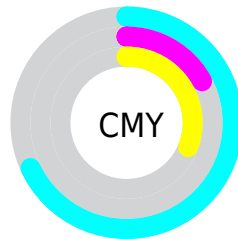
- Red (32%)
- Green (83%)
- Blue (69%)



- Red (32%)
- Yellow (62%)
- Blue (83%)



- Cyan (62%)
- Magenta (0%)
- Yellow (17%)
- Black (17%)




- Cyan (68%)
- Magenta (17%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.8410, 4.0224, -77.0366 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 168.8410, 4.0224, -77.0366 by changing the saturation by 10% instead.

 168.8410, 4.0224,
-77.0366


 168.8410, 4.0224,
-77.0366


255.0000, 0.0000,
0.0000


 138.5630, 5.6384,
-82.0548


 218.7050, 7.0474,
-67.2703


 106.2950, 8.7286,
-93.2207


 230.1830, 12.2348,
-51.0265


 87.7100, 6.0590,
-76.9217

 239.1530, 7.8126,
-32.5832

 69.7120, 3.1000,
-61.1374

 248.1230, 3.3904,
-14.1399

 52.4150, 0.2884,
-45.9680

 35.9330, -1.9390,
-31.5132

 20.3970, -5.6187,

-17.8882

■ 0.0000, 0.0000,
0.0000

■ 168.8410, 4.0224,
-77.0366

■ 168.8410, 4.0224,
-77.0366

■ 161.8780, 4.4971,
-89.3470

■ 175.8040, 3.5476,
-64.7261

■ 155.0290, 5.4087,
-101.7574

■ 182.6530, 2.6361,
-52.3157

■ 147.7670, 6.0309,
-114.6827

■ 189.9150, 2.0139,
-39.3905

■ 142.1140, 6.3528,
-124.6340

■ 196.8780, 1.5391,
-27.0800

■ 203.7270, 0.6276,
-14.6696

■ 210.6900, 0.1528,
-2.3591

■ 217.6530, -0.3219,
9.9513

■ 224.8010, -1.3809,
22.9765

■ 226.6810, 0.6503,
24.8358

Harmonies

Analogous

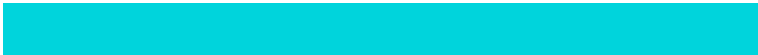
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



179.1010, -20.2628, -34.2916



168.8410, 4.0224, -77.0366



149.5240, 34.7447, -131.1325

Triad

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



168.8410, 4.0224, -77.0366



190.5880, 31.7551, -11.9167



190.6270, -30.8751, 56.4551

Complementary

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



168.8410, 4.0224, -77.0366



124.1590, -4.0224, 77.0366

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.



188.1600, -12.4039, 58.6187



168.8410, 4.0224, -77.0366



195.9740, 23.1838, 30.7178

Square

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



168.8410, 4.0224, -77.0366



176.9790, 38.4644, -64.0026



192.9480, 5.9416, 54.4196



188.4920, -39.6826, 34.6485

Rectangle

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



168.8410, 4.0224, -77.0366



151.0860, 45.8066, -132.5024



192.9480, 5.9416, 54.4196



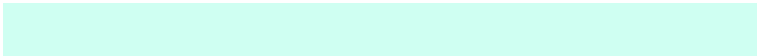
189.4190, -25.3496, 57.5145

Sweetspot

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



168.8410, 4.0224, -77.0366



239.1660, 1.3972, -28.2096



168.9600, -43.3643, -44.6919



118.1180, 0.9278, -17.6435



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.



168.8410, 4.0224, -77.0366



192.7890, 6.0200, -111.1940



156.3950, 27.4133, -66.1214



103.3690, 0.3111, -6.4626



114.6270, 5.1139, -100.5279



28.8890, 1.5337, -25.3357

Inverse Universe

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



124.1590, -4.0224, 77.0366



128.3250, -5.5832, 111.0940



136.6050, -27.4133, 66.1214



99.6310, -0.3111, 6.4626



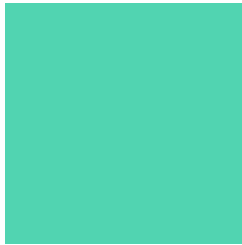
56.3730, -5.1139, 100.5279



14.2250, -1.0969, 25.2357

Previews

White Background



This preview shows how the YUV color 168.8410, 4.0224, -77.0366 looks on a white background.

Color Contrast Check

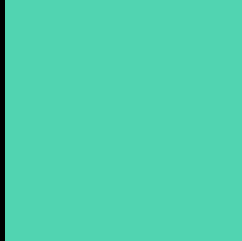
Large Text (above 18pt) WCAG AA × Fail

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 168.8410, 4.0224, -77.0366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

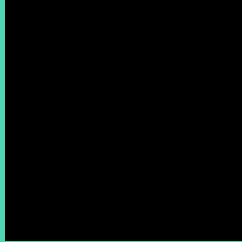
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

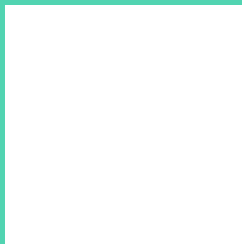
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 168.8410, 4.0224, -77.0366

Background



This preview shows how black text looks on a background with the YUV color 168.8410, 4.0224, -77.0366.



This preview shows how white text looks on a background with the YUV color 168.8410, 4.0224, -77.0366.

-77.0366.

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

168.8410, 4.0224, -77.0366

Protanopia

188.9550, -11.8098, 7.9325

Deuteranopia

191.0730, -3.9800, 16.5990



Tritanopia

175.5320, 22.9087, -67.9956

Trichromacy



Original Color

168.8410, 4.0224, -77.0366



Protanomaly

181.2500, -6.0392, -23.0212



Deuteranomaly

183.2490, -1.1088, -17.7584



Tritanomaly

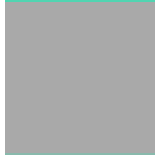
173.0880, 16.2256, -71.1142

Monochromacy



Original Color

168.8410, 4.0224, -77.0366



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

169.1660, 1.3972, -28.2096

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.8410, 4.0224, -77.0366 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(81, 212, 177)` looks like.

```
.text, #text, p{  
    color:rgb(81, 212, 177)  
}
```

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(81, 212, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 212, 177) }
```

Border

The CSS property to change the border of an element to YUV 168.8410, 4.0224, -77.0366 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(81, 212, 177) }
```


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

```
.border{ border-color:rgb(81, 212, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 212, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(81, 212, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(81, 212, 177); box-shadow:4px 4px 4px 4px rgb(81, 212, 177) }
```

Background

The CSS property to change the background color of an element to YUV 168.8410, 4.0224, -77.0366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 212, 177) }
```

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

```
.background{ background-color: rgb(81, 212,  
177) }
```

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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