

Converting Colors

YUV(166.8230, -2.3777,
-124.3788)

Have a look what the booklet for
YUV(166.8230, -2.3777, -124.3788)
contains.

YUV(166.8230, -2.3777, -124.3788)	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(166.8230, -2.3777,
-124.3788)**

Conversions

Conversions Part 1

Format	Color
Hex	19F0A2
RGB	25, 240, 162
RGB Percent	10%, 94%, 64%
CMY	0.9020, 0.0588, 0.3647
CMYK	0.90, 0.00, 0.33, 0.06
HSL	158°, 88%, 52%
HSV	158°, 90%, 94%
XYZ	38.0826, 65.1355, 44.7477
YIQ	166.8230, -103.1020, -69.8380

Conversions

Conversions Part 2

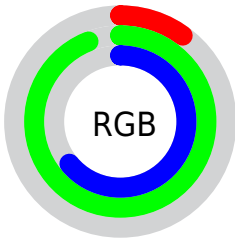
Format	Color
RYB	25, 156, 240
Decimal	1700002
CIELab	84.55, -64.81, 24.67
CIELCh	85, 69.348, 159.160
Yxy	65.1355, 0.2574, 0.4402
Android (android.graphics.Color)	4279890082 (0xFF19F0A2)
YUV	166.8230, -2.3777, -124.3788
Hunter-Lab	80.7066, -57.0086, 23.6213

Details

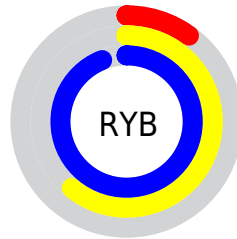
The YUV color **166.8230, -2.3777, -124.3788** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **98.1770, 2.3777, 124.3788**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.1070, 3.8912, -81.6548**, and **119.3740, -4.6214, -104.6910** is the 20% darker color. If you saturate the color by 10%, you get **158.6210, -2.7712, -138.2336**, and if you desaturate by 10%, it is **175.0250, -1.9843, -110.5239**.

Distribution



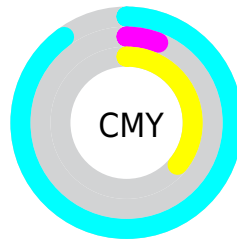
- Red (10%)
- Green (94%)
- Blue (64%)



- Red (10%)
- Yellow (61%)
- Blue (94%)



- Cyan (90%)
- Magenta (0%)
- Yellow (33%)
- Black (6%)



- Cyan (90%)
- Magenta (6%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.8230, -2.3777, -124.3788 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 166.8230, -2.3777, -124.3788 by changing the saturation by 10% instead.

166.8230, -2.3777,
-124.3788

166.8230, -2.3777,
-124.3788

255.0000, 0.0000,
0.0000

139.3610, -1.6570,
-122.2196

209.1070, 3.8912,
-81.6548

119.3740, -4.6214,
-104.6910

222.5790, 11.5466,
-63.6518

100.6750, -7.7278,
-88.2920

233.1730, 10.7607,
-44.8787

82.0900, -10.3974,
-71.9929

242.7410, 6.0437,
-25.2059

63.6190, -12.6302,
-55.7939

252.0100, 1.4741,
-6.1478

45.8490, -14.7156,
-40.2096

30.5240, -15.0483,

-26.7695

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,
0.0000

■ 166.8230, -2.3777,
-124.3788

■ 166.8230, -2.3777,
-124.3788

■ 158.6210, -2.7712,
-138.2336

■ 175.0250, -1.9843,
-110.5239

■ 158.3220, -2.6237,
-138.8484

■ 183.1130, -2.0277,
-96.5691

■ 191.3150, -1.6343,
-82.7143

■ 199.5170, -1.2409,
-68.8594

■ 207.7190, -0.8475,
-55.0046

■ 215.8070, -0.8909,
-41.0497

■ 224.0090, -0.4974,
-27.1949

■ 232.2110, -0.1040,
-13.3400

■ 240.2990, -0.1474,
0.6148

Harmonies

Analogous

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



194.6950, -44.7126, -32.1815



166.8230, -2.3777, -124.3788



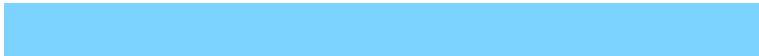
168.8610, 30.1415, -148.0911

Triad

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



166.8230, -2.3777, -124.3788



190.0030, 32.0435, -57.8846



188.7350, -27.9704, 58.1144

Complementary

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



166.8230, -2.3777, -124.3788



98.1770, 2.3777, 124.3788

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.



187.4710, 2.7258, 59.2229



166.8230, -2.3777, -124.3788



209.7240, 22.3211, 27.4291

Square

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



166.8230, -2.3777, -124.3788



164.0800, 44.8236, -143.8982



199.8220, 27.2028, 48.3911



198.0520, -55.7346, 49.9434

Rectangle

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



166.8230, -2.3777, -124.3788



171.1240, 41.3509, -150.0757



199.8220, 27.2028, 48.3911



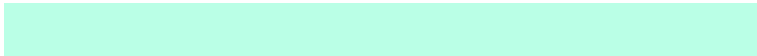
187.3790, -17.9348, 59.3036

Sweetspot

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



166.8230, -2.3777, -124.3788



231.5190, -0.7489, -39.9202



174.8260, -73.8642, -62.1144



114.0310, -0.5083, -23.7062



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.



166.8230, -2.3777, -124.3788



168.1530, -3.0334, -147.4702



158.6920, 40.0848, -117.2479



115.9560, 0.0217, -6.9774



121.3460, -2.1426, -106.4204



36.9760, -0.4812, -32.4280

Inverse Universe

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



98.1770, 2.3777, 124.3788



86.8470, 3.0334, 147.4702



106.3080, -40.0848, 117.2479



112.0440, -0.0217, 6.9774



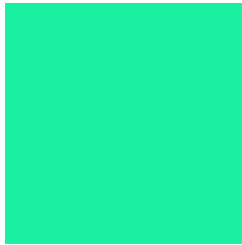
62.6540, 2.1426, 106.4204



19.0240, 0.4812, 32.4280

Previews

White Background



This preview shows how the YUV color 166.8230, -2.3777, -124.3788 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 166.8230, -2.3777, -124.3788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

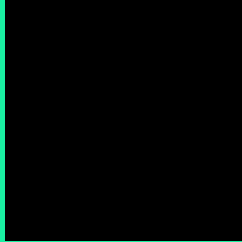
Any Text WCAG AA ✓ Pass

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 166.8230, -2.3777, -124.3788 Background



This preview shows how black text looks on a background with the YUV color 166.8230, -2.3777, -124.3788.



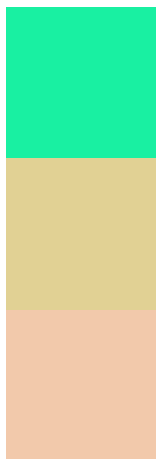
This preview shows how white text looks on a background with the YUV color 166.8230, -2.3777, -124.3788.

-124.3788.

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

166.8230, -2.3777, -124.3788

Protanopia

206.8300, -29.0032, 15.9351

Deuteranopia

209.8390, -19.1476, 28.2052



Tritanopia

188.1100, 29.5258, -90.4275

Trichromacy



Original Color

166.8230, -2.3777, -124.3788



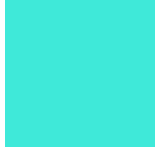
Protanomaly

192.0300, -19.2418, -35.1063



Deuteranomaly

194.0940, -12.8643, -27.2694



Tritanomaly

180.3460, 18.0704, -102.9124

Monochromacy



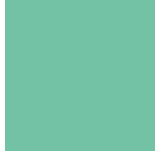
Original Color

166.8230, -2.3777, -124.3788



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

167.0730, -1.0220, -45.6680

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.8230, -2.3777, -124.3788 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(25, 240, 162)` looks like.

```
.text, #text, p{  
    color:rgb(25, 240, 162)  
}
```

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(25, 240, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 240, 162) }
```

Border

The CSS property to change the border of an element to YUV 166.8230, -2.3777, -124.3788 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(25, 240, 162) }
```


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

```
.border{ border-color:rgb(25, 240, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 240, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 240, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 240, 162);  
box-shadow:4px 4px 4px 4px rgb(25, 240,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 166.8230, -2.3777, -124.3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 240, 162) }
```

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

```
.background{ background-color: rgb(25, 240,  
162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor