

Converting Colors

YUV(166.9500, -8.3563,
-120.1051)

Have a look what the booklet for
YUV(166.9500, -8.3563, -120.1051)
contains.

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Color

**YUV(166.9500, -8.3563,
-120.1051)**

Conversions

Conversions Part 1

Format	Color
Hex	1EF096
RGB	30, 240, 150
RGB Percent	12%, 94%, 59%
CMY	0.8824, 0.0588, 0.4118
CMYK	0.88, 0.00, 0.37, 0.06
HSL	154°, 88%, 53%
HSV	154°, 88%, 94%
XYZ	37.2005, 64.7982, 39.4008
YIQ	166.9500, -96.2700, -72.5100

Conversions

Conversions Part 2

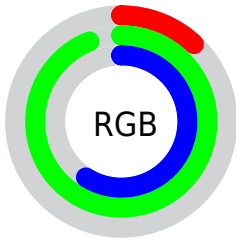
Format	Color
R_{YB}	30, 164, 240
Decimal	2027670
CIE _{Lab}	84.38, -66.93, 30.55
CIE _{LCh}	84, 73.572, 155.468
Yxy	64.7982, 0.2631, 0.4583
Android (android.graphics.Color)	4280217750 (0xFF1EF096)
YUV	166.9500, -8.3563, -120.1051
Hunter-Lab	80.4973, -58.3795, 27.3276

Details

The YUV color **166.9500, -8.3563, -120.1051** 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 **103.0500, 8.3564, 120.1052**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.3370, -1.6451, -79.2255**, and **118.0060, -9.8630, -103.4913** is the 20% darker color. If you saturate the color by 10%, you get **158.6340, -9.1866, -133.8600**, and if you desaturate by 10%, it is **175.2660, -7.5261, -106.3503**.

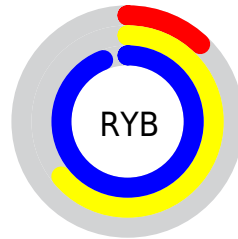
Distribution



Red (12%)

Green (94%)

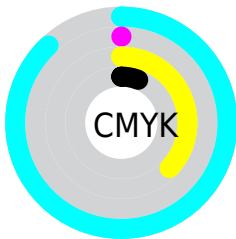
Blue (59%)



Red (12%)

Yellow (64%)

Blue (94%)

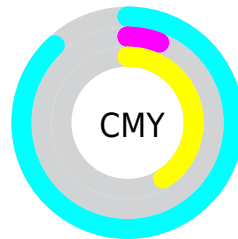


Cyan (88%)

Magenta (0%)

Yellow (37%)

Black (6%)



Cyan (88%)

Magenta (6%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.9500, -8.3563, -120.1051 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 166.9500, -8.3563, -120.1051 by changing the saturation by 10% instead.

166.9500, -8.3563,
-120.1051

166.9500, -8.3563,
-120.1051

255.0000, 0.0000,
0.0000

137.9930, -6.8985,
-121.0199

208.3370, -1.6451,
-79.2255

118.0060, -9.8630,
-103.4913

221.3960, 5.7208,
-61.7373

99.4210, -12.5326,
-87.1922

233.4720, 10.6133,
-44.2639

80.2490, -14.9128,
-70.3784

243.0400, 5.8963,
-24.5911

62.2510, -17.8717,
-54.5941

252.3090, 1.3267,
-5.5330

44.1390, -21.2675,
-38.7099

29.9370, -14.7589,

-26.2547

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,
0.0000

■ 166.9500, -8.3563,
-120.1051

■ 166.9500, -8.3563,
-120.1051

■ 158.6340, -9.1866,
-133.8600

■ 175.2660, -7.5261,
-106.3503

■ 156.4980, -9.6125,
-137.2487

■ 183.6960, -6.2591,
-92.6954


■ 192.0120, -5.4289,
-78.9405


■ 200.3280, -4.5987,
-65.1857

 208.6440, -3.7685,
-51.4308

 217.0740, -2.5015,
-37.7759

 225.3900, -1.6713,
-24.0210

 233.7060, -0.8411,
-10.2662

 242.1360, 0.4260,
3.3887

Harmonies

Analogous

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



193.4200, -50.9861, -26.6783



166.9500, -8.3563, -120.1051



168.5360, 26.3578, -147.8061

Triad

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



166.9500, -8.3563, -120.1051



179.2060, 37.3664, -85.2497



184.8540, -25.0710, 61.5180

Complementary

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



166.9500, -8.3563, -120.1051



103.0500, 8.3564, 120.1052

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.



184.8610, 7.9565, 61.5119



166.9500, -8.3563, -120.1051



207.6090, 23.3638, 19.6369

Square

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



166.9500, -8.3563, -120.1051



165.8410, 43.9554, -145.4426



198.6480, 27.7815, 49.4207



194.6610, -56.0349, 52.9173

Rectangle

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



166.9500, -8.3563, -120.1051



172.2980, 40.7721, -151.1053



198.6480, 27.7815, 49.4207



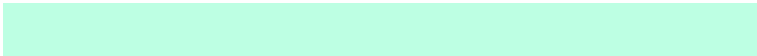
183.1390, -13.8725, 63.0221

Sweetspot

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



166.9500, -8.3563, -120.1051



232.0740, -2.5015, -37.7759



180.4790, -74.1861, -52.1631



114.1020, -1.5293, -22.8915



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.



166.9500, -8.3563, -120.1051



166.3290, -10.0222, -145.8705



168.9920, 35.0069, -121.8960



115.8420, -0.4151, -6.8774



119.9780, -7.3842, -105.2207



36.5200, -2.2284, -32.0280

Inverse Universe

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



103.0500, 8.3564, 120.1052



88.6710, 10.0222, 145.8705



101.0080, -35.0069, 121.8960



112.1580, 0.4151, 6.8774



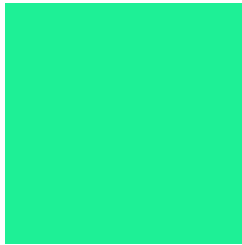
64.0220, 7.3842, 105.2207



19.4800, 2.2284, 32.0280

Previews

White Background



This preview shows how the YUV color 166.9500, -8.3563, -120.1051 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 166.9500, -8.3563, -120.1051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

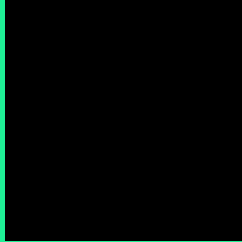
Any Text WCAG AA ✓ Pass

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 166.9500, -8.3563, -120.1051 Background



This preview shows how black text looks on a background with the YUV color 166.9500, -8.3563, -120.1051.

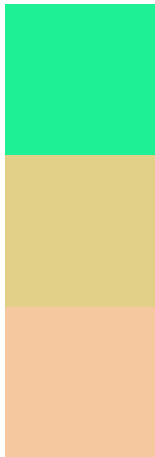


This preview shows how white text looks on a background with the YUV color 166.9500, -8.3563, -120.1051.

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

166.9500, -8.3563, -120.1051

Protanopia

205.2880, -33.6660, 18.1644

Deuteranopia

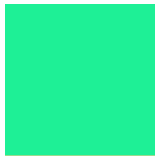
208.7810, -24.5420, 31.7641



Tritanopia

188.6050, 28.7887, -87.3536

Trichromacy



Original Color

166.9500, -8.3563, -120.1051



Protanomaly

191.6730, -24.4888, -32.1622



Deuteranomaly

193.9220, -18.6955, -23.6106



Tritanomaly

180.6840, 15.4388, -98.8239

Monochromacy



Original Color

166.9500, -8.3563, -120.1051



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

167.2150, -3.0640, -44.0386

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.9500, -8.3563, -120.1051 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(30, 240, 150)` looks like.

```
.text, #text, p{  
    color:rgb(30, 240, 150)  
}
```

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(30, 240, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 240, 150) }
```

Border

The CSS property to change the border of an element to YUV 166.9500, -8.3563, -120.1051 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(30, 240, 150) }
```


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

```
.border{ border-color:rgb(30, 240, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 240, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 240, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 240, 150);  
box-shadow:4px 4px 4px 4px rgb(30, 240,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 166.9500, -8.3563, -120.1051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 240, 150) }
```

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

```
.background{ background-color: rgb(30, 240,  
150) }
```

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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