

Converting Colors

YUV(164.7630, -4.8132,
-136.6042)

Have a look what the booklet for
YUV(164.7630, -4.8132, -136.6042)
contains.

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Color

**YUV(164.7630, -4.8132,
-136.6042)**

Conversions

Conversions Part 1

Format	Color
Hex	09F69B
RGB	9, 246, 155
RGB Percent	4%, 96%, 61%
CMY	0.9647, 0.0353, 0.3922
CMYK	0.96, 0.00, 0.37, 0.04
HSL	157°, 93%, 50%
HSV	157°, 96%, 96%
XYZ	38.9848, 68.3362, 42.1458
YIQ	164.7630, -112.0410, -78.5450

Conversions

Conversions Part 2

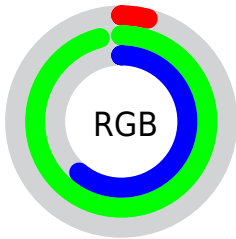
Format	Color
RYB	9, 156, 246
Decimal	652955
CIELab	86.17, -68.91, 30.41
CIELCh	86, 75.319, 156.191
Yxy	68.3362, 0.2608, 0.4572
Android (android.graphics.Color)	4278843035 (0xFF09F69B)
YUV	164.7630, -4.8132, -136.6042
Hunter-Lab	82.6657, -60.4851, 27.6379

Details

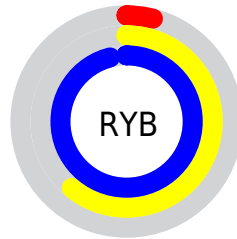
The YUV color **164.7630, -4.8132, -136.6042** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **90.2370, 4.8132, 136.6042**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.7110, 1.1285, -82.1845**, and **122.0980, -9.4153, -107.0799** is the 20% darker color. If you saturate the color by 10%, you get **161.7300, -4.7969, -141.8372**, and if you desaturate by 10%, it is **173.2640, -4.5672, -122.1345**.

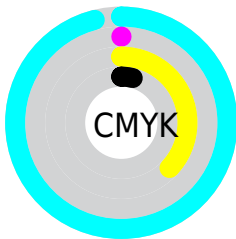
Distribution



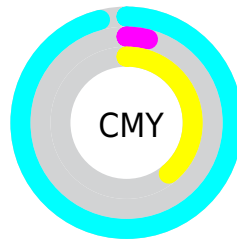
- Red (4%)
- Green (96%)
- Blue (61%)



- Red (4%)
- Yellow (61%)
- Blue (96%)



- Cyan (96%)
- Magenta (0%)
- Yellow (37%)
- Black (4%)



- Cyan (96%)
- Magenta (4%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.7630, -4.8132, -136.6042 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 164.7630, -4.8132, -136.6042 by changing the saturation by 10% instead.

164.7630, -4.8132,
-136.6042

164.7630, -4.8132,
-136.6042

255.0000, 0.0000,
0.0000

142.0850, -6.4509,
-124.6085

207.7110, 1.1285,
-82.1845

122.0980, -9.4153,
-107.0799

221.4820, 8.6364,
-63.5667

102.8120,
-12.2323, -90.1661

232.8740, 10.9081,
-45.4935

84.2270, -14.9019,
-73.8671

242.4420, 6.1911,
-25.8206

65.7560, -17.1347,
-57.6680

252.0100, 1.4741,
-6.1478

47.6440, -20.5305,
-41.7838

32.8720, -16.2059,

-28.8287

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 164.7630, -4.8132,
-136.6042

■ 164.7630, -4.8132,
-136.6042

■ 161.7300, -4.7969,
-141.8372

■ 173.2640, -4.5672,
-122.1345

■ 181.5800, -3.7369,
-108.3797

■ 190.0810, -3.4909,
-93.9100

■ 198.3970, -2.6607,
-80.1552

■ 206.8980, -2.4147,
-65.6855

■ 215.5130, -1.7319,
-51.3159

■ 223.7150, -1.3385,
-37.4611

■ 232.3300, -0.6557,
-23.0914

■ 240.5320, -0.2623,
-9.2366

Harmonies

Analogous

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



197.7680, -52.1436, -28.7375



164.7630, -4.8132, -136.6042



172.8560, 27.6790, -151.5947

Triad

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



164.7630, -4.8132, -136.6042



184.2340, 34.8876, -83.5202



187.3160, -25.7918, 59.3589

Complementary

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



164.7630, -4.8132, -136.6042



90.2370, 4.8132, 136.6042

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.



186.9640, 8.3987, 59.6676



164.7630, -4.8132, -136.6042



211.7620, 21.3163, 23.0107

Square

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



164.7630, -4.8132, -136.6042



168.7760, 42.5084, -148.0166



199.8220, 27.2028, 48.3911



197.5960, -57.4818, 50.3433

Rectangle

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



164.7630, -4.8132, -136.6042



175.8200, 39.0357, -154.1941



199.8220, 27.2028, 48.3911



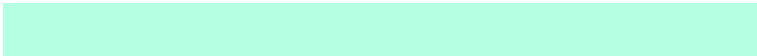
185.7150, -14.1565, 60.7629

Sweetspot

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



164.7630, -4.8132, -136.6042



229.6820, -1.3222, -42.6941



176.5240, -82.5893, -63.6035



112.4930, -1.2290, -25.8654



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

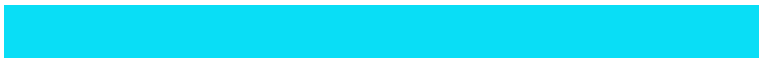
The Same Dimension uses a secret algorithm to generate beautiful new colors.



164.7630, -4.8132, -136.6042



167.5830, -5.2174, -146.9703



161.0490, 41.8808, -133.3470



117.9560, 0.0217, -6.9774



122.2920, -3.5950, -107.2501



38.7370, -1.3493, -33.9723

Inverse Universe

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



90.2370, 4.8132, 136.6042



87.4170, 5.2174, 146.9703



93.9510, -41.8808, 133.3470



114.1580, 0.4151, 6.8774



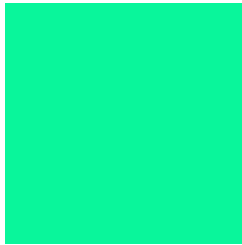
63.7080, 3.5950, 107.2501



20.2630, 1.3493, 33.9723

Previews

White Background



This preview shows how the YUV color 164.7630, -4.8132, -136.6042 looks on a white background.

Color Contrast Check

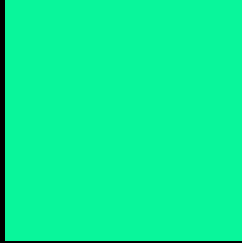
Large Text (above 18pt) WCAG AA × Fail

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 164.7630, -4.8132, -136.6042 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 164.7630, -4.8132, -136.6042 Background



This preview shows how black text looks on a background with the YUV color 164.7630, -4.8132, -136.6042.

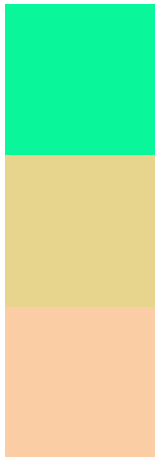


This preview shows how white text looks on a background with the YUV color 164.7630, -4.8132, -136.6042.

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

164.7630, -4.8132, -136.6042

Protanopia

210.4730, -34.2502, 18.8792

Deuteranopia

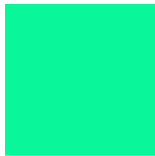
213.7810, -24.5420, 31.7641



Tritanopia

192.5120, 29.8206, -91.6570

Trichromacy



Original Color

164.7630, -4.8132, -136.6042



Protanomaly

193.8680, -23.5989, -37.5952



Deuteranomaly

195.9320, -17.2215, -29.7584



Tritanomaly

182.0850, 17.2131, -107.9455

Monochromacy



Original Color

164.7630, -4.8132, -136.6042



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

164.5240, -1.7373, -49.5715

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.7630, -4.8132, -136.6042 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(9, 246, 155)` looks like.

```
.text, #text, p{  
    color:rgb(9, 246, 155)  
}
```

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(9, 246, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 246, 155) }
```

Border

The CSS property to change the border of an element to YUV 164.7630, -4.8132, -136.6042 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(9, 246, 155) }
```


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

```
.border{ border-color:rgb(9, 246, 155) }
```

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

Here you see how a box with a 4 pixel rgb(9, 246, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 246, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 246, 155);  
box-shadow:4px 4px 4px 4px rgb(9, 246,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 164.7630, -4.8132, -136.6042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 246, 155) }
```

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

```
.background{ background-color: rgb(9, 246,  
155) }
```

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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