

Converting Colors

YUV(145.9660, -19.2102,
-92.0552)

Have a look what the booklet for
YUV(145.9660, -19.2102, -92.0552)
contains.

YUV(145.9660, -19.2102, -92.0552)	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(145.9660, -19.2102,
-92.0552)**

Conversions

Conversions Part 1

Format	Color
Hex	29CF6B
RGB	41, 207, 107
RGB Percent	16%, 81%, 42%
CMY	0.8392, 0.1882, 0.5804
CMYK	0.80, 0.00, 0.48, 0.19
HSL	144°, 67%, 49%
HSV	144°, 80%, 81%
XYZ	25.8811, 46.1586, 21.4553
YIQ	145.9660, -66.8360, -66.2920

Conversions

Conversions Part 2

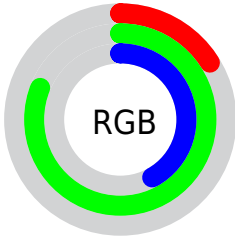
Format	Color
RYB	41, 160, 207
Decimal	2740075
CIELab	73.65, -62.34, 38.18
CIELCh	74, 73.101, 148.511
Yxy	46.1586, 0.2768, 0.4937
Android (android.graphics.Color)	4280930155 (0xFF29CF6B)
YUV	145.9660, -19.2102, -92.0552
Hunter-Lab	67.9401, -50.8974, 28.8344

Details

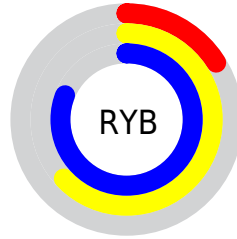
The YUV color **145.9660, -19.2102, -92.0552** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **102.0340, 19.2102, 92.0552**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.3100, -20.8588, -76.5709**, and **95.1350, -18.8006, -83.4334** is the 20% darker color. If you saturate the color by 10%, you get **138.3190, -21.3563, -103.7658**, and if you desaturate by 10%, it is **153.6130, -17.0642, -80.3446**.

Distribution



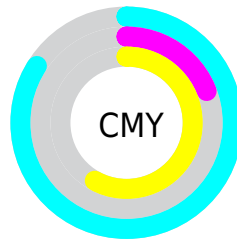
- Red (16%)
- Green (81%)
- Blue (42%)



- Red (16%)
- Yellow (63%)
- Blue (81%)



- Cyan (80%)
- Magenta (0%)
- Yellow (48%)
- Black (19%)



- Cyan (84%)
- Magenta (19%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.9660, -19.2102, -92.0552 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 145.9660, -19.2102, -92.0552 by changing the saturation by 10% instead.

■ 145.9660,
-19.2102, -92.0552

■ 145.9660,
-19.2102, -92.0552

■ 255.0000, 0.0000,
0.0000

■ 114.4210,
-15.9836, -100.3472

■ 202.3100,
-20.8588, -76.5709

■ 95.1350, -18.8006,
-83.4334

■ 214.6570,
-13.6349, -60.2122

■ 76.4360, -21.9069,
-67.0344

■ 227.1180, -5.9742,
-43.9535

■ 57.8680, -27.0499,
-50.7502

■ 239.3940, 2.2708,
-28.4095

■ 42.2640, -20.8362,
-37.0655

■ 249.9170, 2.5059,
-10.4512

■ 29.3500, -14.4695,
-25.7399

■ 12.3270, -6.0772,

-10.8108

■ 0.0000, 0.0000,
0.0000

■ 145.9660,
-19.2102, -92.0552

■ 145.9660,
-19.2102, -92.0552

■ 138.3190,
-21.3563, -103.7658

■ 153.6130,
-17.0642, -80.3446

■ 130.8570,
-24.0865, -114.7616

■ 161.0750,
-14.3340, -69.3488

■ 168.7220,
-12.1879, -57.6382

■ 176.4830, -9.6051,
-46.0276

■ 184.1300, -7.4591,
-34.3170

■ 191.5920, -4.7289,
-23.3212

■ 199.2390, -2.5828,
-11.6106

■ 207.0000, 0.0000,
0.0000

■ 214.3480, 2.2934,
11.0958

Harmonies

Analogous

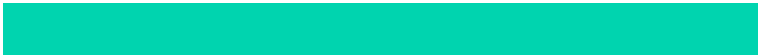
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



165.7870, -57.5760, -12.9682



145.9660, -19.2102, -92.0552



144.3940, 15.0888, -126.6335

Triad

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



145.9660, -19.2102, -92.0552



140.6000, 56.3992, -123.3062



162.8270, -20.6207, 80.8357

Complementary

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



145.9660, -19.2102, -92.0552



102.0340, 19.2102, 92.0552

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.



165.0680, 10.8125, 78.8704



145.9660, -19.2102, -92.0552



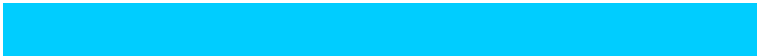
177.9510, 37.9852, -3.4650

Square

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



145.9660, -19.2102, -92.0552



149.4050, 52.0583, -131.0282



184.2180, 33.4165, 62.0758



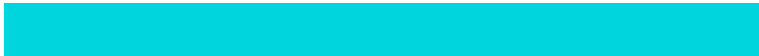
171.5910, -53.0424, 73.1497

Rectangle

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



145.9660, -19.2102, -92.0552



150.3390, 35.3289, -131.8473



184.2180, 33.4165, 62.0758



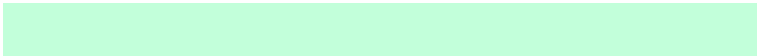
161.6990, -9.7116, 81.8250

Sweetspot

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



145.9660, -19.2102, -92.0552



232.5430, -7.1697, -33.8022



168.9400, -63.0744, -22.7494



114.3150, -4.5923, -20.4473



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.



145.9660, -19.2102, -92.0552



164.9870, -28.0946, -135.9236



155.2000, 16.1704, -100.1534



100.9130, -1.4361, -6.0627



106.2540, -19.3522, -93.1848



25.8910, -4.8763, -22.7064

Inverse Universe

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



102.0340, 19.2102, 92.0552



100.1270, 28.5314, 135.8236



92.8000, -16.1704, 100.1534



97.9730, 0.9993, 6.1627



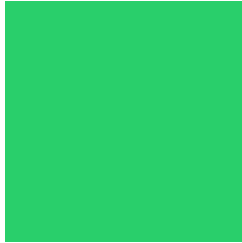
61.7460, 19.3522, 93.1848



15.1090, 4.8763, 22.7064

Previews

White Background



This preview shows how the YUV color 145.9660, -19.2102, -92.0552 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 145.9660, -19.2102, -92.0552 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 145.9660, -19.2102, -92.0552 Background



This preview shows how black text looks on a background with the YUV color 145.9660, -19.2102, -92.0552.



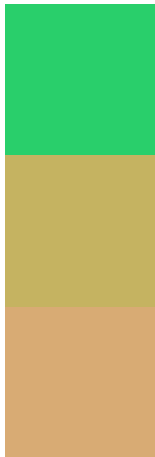
This preview shows how white text looks on a background with the YUV color 145.9660, -19.2102, -92.0552.

-92.0552.

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

145.9660, -19.2102, -92.0552

Protanopia

175.0340, -38.4708, 19.2642

Deuteranopia

178.1850, -30.6572, 33.1638



Tritanopia

164.5320, 22.9087, -67.9956

Trichromacy



Original Color

145.9660, -19.2102, -92.0552



Protanomaly

164.3170, -31.2153, -21.3260



Deuteranomaly

166.3380, -26.2956, -12.5744



Tritanomaly

157.4650, 7.6588, -76.7068

Monochromacy



Original Color

145.9660, -19.2102, -92.0552



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

145.9560, -6.8803, -33.2874

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.9660, -19.2102, -92.0552 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(41, 207, 107)` looks like.

```
.text, #text, p{  
    color:rgb(41, 207, 107)  
}
```

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(41, 207, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 207, 107) }
```

Border

The CSS property to change the border of an element to YUV 145.9660, -19.2102, -92.0552 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(41, 207, 107) }
```


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

```
.border{ border-color:rgb(41, 207, 107) }
```

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

Here you see how a box with a 4 pixel rgb(41, 207, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 207, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 207, 107);  
box-shadow:4px 4px 4px 4px rgb(41, 207,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 145.9660, -19.2102, -92.0552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 207, 107) }
```

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

```
.background{ background-color: rgb(41, 207,  
107) }
```

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