

Converting Colors

YUV(161.6040, -20.5108,
-141.7267)

Have a look what the booklet for
YUV(161.6040, -20.5108, -141.7267)
contains.

YUV(161.6040, -20.5108, -141.7267)	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(161.6040, -20.5108,
-141.7267)**

Conversions

Conversions Part 1

Format	Color
Hex	00FC78
RGB	0, 252, 120
RGB Percent	0%, 99%, 47%
CMY	1.0000, 0.0118, 0.5294
CMYK	1.00, 0.00, 0.52, 0.01
HSL	149°, 100%, 49%
HSV	149°, 100%, 99%
XYZ	38.2006, 70.9769, 29.4558
YIQ	161.6040, -107.8200, -94.4760

Conversions

Conversions Part 2

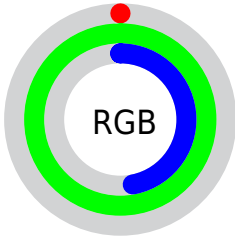
Format	Color
RYB	0, 171, 252
Decimal	64632
CIELab	87.47, -77.02, 49.05
CIELCh	87, 91.313, 147.507
Yxy	70.9769, 0.2756, 0.5120
Android (android.graphics.Color)	4278254712 (0xFF00FC78)
YUV	161.6040, -20.5108, -141.7267
Hunter-Lab	84.2478, -66.4961, 38.2437

Details

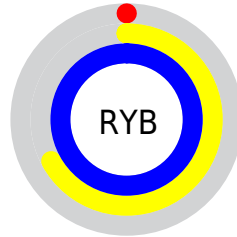
The YUV color **161.6040, -20.5108, -141.7267** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated spring green. A complement of this color would be **90.3960, 20.5108, 141.7267**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.0200, -14.3069, -78.0705**, and **121.5160, -26.8764, -106.5695** is the 20% darker color. If you saturate the color by 10%, you get **161.6040, -20.5108, -141.7267**, and if you desaturate by 10%, it is **170.5610, -18.5176, -127.6570**.

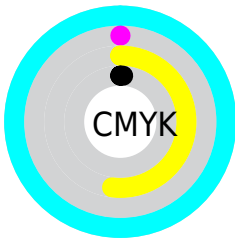
Distribution



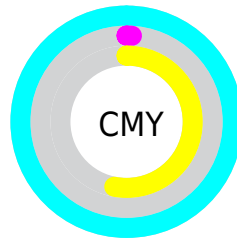
- Red (0%)
- Green (99%)
- Blue (47%)



- Red (0%)
- Yellow (67%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.6040, -20.5108, -141.7267 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 161.6040, -20.5108, -141.7267 by changing the saturation by 10% instead.

161.6040,
-20.5108, -141.7267

161.6040,
-20.5108, -141.7267

255.0000, 0.0000,
0.0000

141.5030,
-23.9120, -124.0981

204.0200,
-14.3069, -78.0705

121.5160,
-26.8764, -106.5695

217.6770, -7.2358,
-59.3527

101.4150,
-30.2776, -88.9410

230.8500, 0.5670,
-41.9644

81.5760, -37.7520,
-71.5422

243.0400, 5.8963,
-24.5911

65.1570, -32.1224,
-57.1427

252.6080, 1.1793,
-4.9182

49.3080, -24.3088,
-43.2431

35.2200, -17.3635,

-30.8879

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,
0.0000

■ 161.6040,
-20.5108, -141.7267

■ 170.5610,
-18.5176, -127.6570

■ 179.5180,
-16.5244, -113.5873

■ 188.8880,
-14.2418, -99.0028

■ 197.8450,
-12.2486, -84.9331

■ 206.8020,
-10.2554, -70.8634

■ 215.7590, -8.2622,
-56.7936

■ 224.7160, -6.2690,
-42.7239

■ 234.0860, -3.9864,
-28.1394

■ 243.0430, -1.9932,
-14.0697

Harmonies

Analogous

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



198.0000, -80.8520, -14.0320



161.6040, -20.5108, -141.7267



173.5110, 17.4961, -152.1691

Triad

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



161.6040, -20.5108, -141.7267



165.2540, 44.2448, -144.9278



175.4280, -15.4940, 69.7846

Complementary

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



161.6040, -20.5108, -141.7267



90.3960, 20.5108, 141.7267

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.



178.7750, 25.2539, 66.8493



161.6040, -20.5108, -141.7267



206.2810, 24.0185, -3.7544

Square

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



161.6040, -20.5108, -141.7267



176.4070, 38.7463, -154.7089



198.0610, 28.0709, 49.9355



188.3690, -59.8349, 58.4354

Rectangle

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



161.6040, -20.5108, -141.7267



178.7550, 37.5888, -156.7681



198.0610, 28.0709, 49.9355



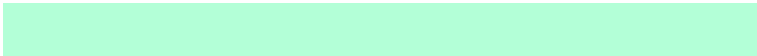
173.9240, -0.9485, 71.1037

Sweetspot

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



161.6040, -20.5108, -141.7267



227.7160, -6.2690, -42.7239



187.9900, -92.6791, -47.3492



111.3960, -4.1392, -25.7803



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.



161.6040, -20.5108, -141.7267



163.4790, -20.9421, -143.3711



175.7400, 33.6522, -154.1240



120.3150, -1.1413, -7.2923



121.2030, -15.3831, -106.2950



39.1130, -4.9857, -34.3021

Inverse Universe

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



90.3960, 20.5108, 141.7267



91.5210, 20.9421, 143.3711



76.2600, -33.6522, 154.1240



116.6850, 1.1413, 7.2923



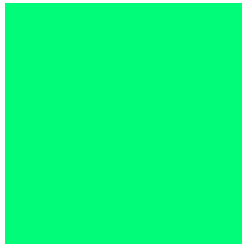
67.7970, 15.3831, 106.2950



21.8870, 4.9857, 34.3021

Previews

White Background



This preview shows how the YUV color 161.6040, -20.5108, -141.7267 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 161.6040, -20.5108, -141.7267 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 161.6040, -20.5108, -141.7267 Background



This preview shows how black text looks on a background with the YUV color 161.6040, -20.5108, -141.7267.



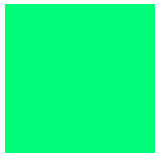
This preview shows how white text looks on a background with the YUV color 161.6040, -20.5108, -141.7267.

-141.7267.

Color Blindness Simulation

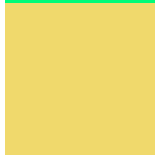
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

161.6040, -20.5108, -141.7267



Protanopia

211.4510, -51.0013, 25.0375



Deuteranopia

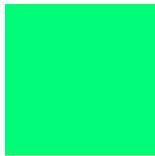
216.3700, -31.2414, 33.8785



Tritanopia

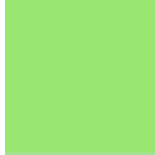
199.2960, 27.4621, -81.8206

Trichromacy



Original Color

161.6040, -20.5108, -141.7267



Protanomaly

193.5250, -40.1918, -35.5404



Deuteranomaly

196.5870, -27.4044, -30.3328



Tritanomaly

185.5710, 10.0715, -103.9868

Monochromacy



Original Color

161.6040, -20.5108, -141.7267



Achromatopsia

162.0000, 0.0000, 0.0000



Achromatomaly

162.0200, -7.4049, -51.7605

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.6040, -20.5108, -141.7267 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(0, 252, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 252, 120)  
}
```

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(0, 252, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 252, 120) }
```

Border

The CSS property to change the border of an element to YUV 161.6040, -20.5108, -141.7267 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(0, 252, 120) }
```


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

```
.border{ border-color:rgb(0, 252, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 252, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 252, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 252, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 252,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 161.6040, -20.5108, -141.7267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 252, 120) }
```

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

```
.background{ background-color: rgb(0, 252,  
120) }
```

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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