

Converting Colors

YUV(153.6820, -25.4792,
-134.7791)

Have a look what the booklet for
YUV(153.6820, -25.4792, -134.7791)
contains.

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Color

**YUV(153.6820, -25.4792,
-134.7791)**

Conversions

Conversions Part 1

Format	Color
Hex	00F266
RGB	0, 242, 102
RGB Percent	0%, 95%, 40%
CMY	1.0000, 0.0510, 0.6000
CMYK	1.00, 0.00, 0.58, 0.05
HSL	145°, 100%, 47%
HSV	145°, 100%, 95%
XYZ	34.1504, 64.4636, 23.2132
YIQ	153.6820, -99.2920, -94.8440

Conversions

Conversions Part 2

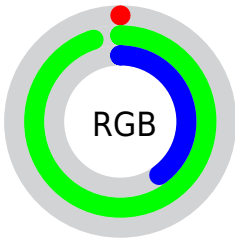
Format	Color
RYB	0, 170, 242
Decimal	62054
CIELab	84.21, -76.47, 53.29
CIELCh	84, 93.205, 145.126
Yxy	64.4636, 0.2803, 0.5291
Android (android.graphics.Color)	4278252134 (0xFF00F266)
YUV	153.6820, -25.4792, -134.7791
Hunter-Lab	80.2892, -64.5825, 39.0605

Details

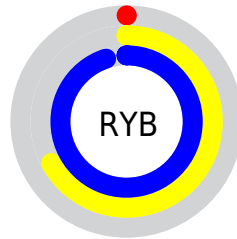
The YUV color **153.6820, -25.4792, -134.7791** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated spring green. A complement of this color would be **88.3180, 25.4792, 134.7791**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.2560, -22.3112, -77.4005**, and **113.4800, -32.2816, -99.5220** is the 20% darker color. If you saturate the color by 10%, you get **153.6820, -25.4792, -134.7791**, and if you desaturate by 10%, it is **162.4540, -22.9018, -121.4242**.

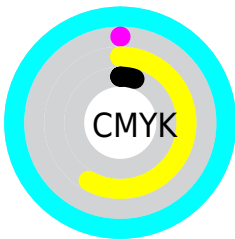
Distribution



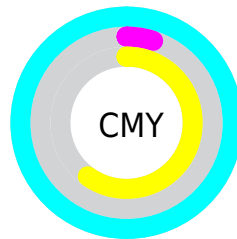
- Red (0%)
- Green (95%)
- Blue (40%)



- Red (0%)
- Yellow (67%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (58%)
- Black (5%)



- Cyan (100%)
- Magenta (5%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.6820, -25.4792, -134.7791 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 153.6820, -25.4792, -134.7791 by changing the saturation by 10% instead.

153.6820,
-25.4792, -134.7791

153.6820,
-25.4792, -134.7791

255.0000, 0.0000,
0.0000

133.5810,
-28.8804, -117.1505

201.2560,
-22.3112, -77.4005

113.4800,
-32.2816, -99.5220

214.6140,
-15.0927, -59.2975

93.1680, -39.0298,
-81.7083

227.7870, -7.2900,
-41.9092

75.7230, -37.3314,
-66.4091

240.6610, 0.6601,
-25.1357

59.8740, -29.5179,
-52.5095

251.7110, 1.6215,
-6.7625

44.6120, -21.9937,
-39.1247

29.9370, -14.7589,

-26.2547

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 153.6820,
-25.4792, -134.7791

■ 162.4540,
-22.9018, -121.4242

■ 171.2260,
-20.3244, -108.0692

■ 180.2970,
-17.8944, -94.0995

■ 189.0690,
-15.3170, -80.7445

■ 197.8410,
-12.7396, -67.3896

■ 206.6130,
-10.1622, -54.0346

■ 215.3850, -7.5848,
-40.6796

■ 224.4560, -5.1548,
-26.7099

■ 233.2280, -2.5774,
-13.3550

Harmonies

Analogous

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



186.7700, -92.0776, -6.8143



153.6820, -25.4792, -134.7791



168.0510, 11.8069, -147.3807

Triad

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



153.6820, -25.4792, -134.7791



161.1450, 46.2705, -141.3242



166.2810, -12.4635, 77.8066

Complementary

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



153.6820, -25.4792, -134.7791



88.3180, 25.4792, 134.7791

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.



170.9160, 28.1424, 73.7417



153.6820, -25.4792, -134.7791



195.2840, 29.4400, -16.0351

Square

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



153.6820, -25.4792, -134.7791



171.7110, 41.0615, -150.5905



193.3650, 30.3861, 54.0539



179.3530, -58.8410, 66.3424

Rectangle

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



153.6820, -25.4792, -134.7791



175.7060, 38.5989, -154.0942



193.3650, 30.3861, 54.0539



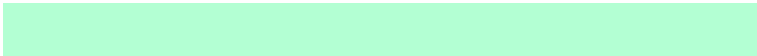
164.7770, 2.0819, 79.1256

Sweetspot

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



153.6820, -25.4792, -134.7791



227.2600, -8.0162, -42.3240



184.2130, -90.8170, -37.8978



111.1680, -5.0128, -25.5803



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.



153.6820, -25.4792, -134.7791



161.8830, -27.0573, -141.9714



167.3620, 26.9365, -146.7765



115.6140, -1.2887, -6.6775



116.7860, -19.6145, -102.4213



35.6080, -5.7227, -31.2282

Inverse Universe

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



88.3180, 25.4792, 134.7791



93.1170, 27.0573, 141.9714



74.6380, -26.9365, 146.7765



112.3860, 1.2887, 6.6775



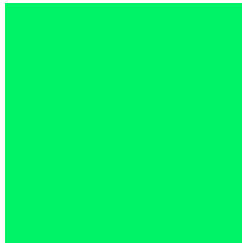
67.1000, 19.1777, 102.5213



20.3920, 5.7227, 31.2282

Previews

White Background



This preview shows how the YUV color 153.6820, -25.4792, -134.7791 looks on a white background.

Color Contrast Check

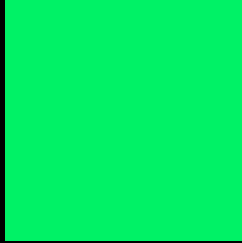
Large Text (above 18pt) WCAG AA × Fail

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 153.6820, -25.4792, -134.7791 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 153.6820, -25.4792, -134.7791 Background



This preview shows how black text looks on a background with the YUV color 153.6820, -25.4792, -134.7791.



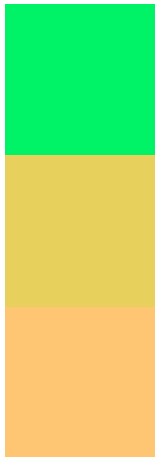
This preview shows how white text looks on a background with the YUV color 153.6820, -25.4792, -134.7791.

-134.7791.

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

153.6820, -25.4792, -134.7791

Protanopia

201.6530, -54.0589, 25.7373

Deuteranopia

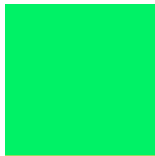
205.1680, -44.9458, 42.8257



Tritanopia

189.9970, 27.6095, -82.4354

Trichromacy



Original Color

153.6820, -25.4792, -134.7791



Protanomaly

184.0370, -43.4022, -32.4814



Deuteranomaly

186.5960, -37.7618, -21.5707



Tritanomaly

176.5390, 8.6083, -101.3277

Monochromacy



Original Color

153.6820, -25.4792, -134.7791



Achromatopsia

154.0000, 0.0000, 0.0000



Achromatomaly

153.8740, -9.3049, -49.0015

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.6820, -25.4792, -134.7791 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, 242, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 242, 102)  
}
```

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, 242, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 242, 102) }
```

Border

The CSS property to change the border of an element to YUV 153.6820, -25.4792, -134.7791 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, 242, 102) }
```


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

```
.border{ border-color:rgb(0, 242, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 242, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 242, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 242, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 242,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 153.6820, -25.4792, -134.7791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 242, 102) }
```

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

```
.background{ background-color: rgb(0, 242,  
102) }
```

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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