

Converting Colors

YUV(152.7360, -24.0268,
-133.9495)

Have a look what the booklet for
YUV(152.7360, -24.0268, -133.9495)
contains.

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Color

**YUV(152.7360, -24.0268,
-133.9495)**

Conversions

Conversions Part 1

Format	Color
Hex	00F068
RGB	0, 240, 104
RGB Percent	0%, 94%, 41%
CMY	1.0000, 0.0588, 0.5922
CMYK	1.00, 0.00, 0.57, 0.06
HSL	146°, 100%, 47%
HSV	146°, 100%, 94%
XYZ	33.6588, 63.3197, 23.5446
YIQ	152.7360, -99.3840, -93.1760

Conversions

Conversions Part 2

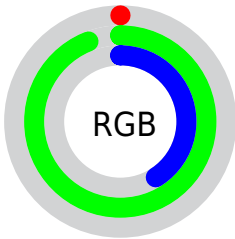
Format	Color
RYB	0, 167, 240
Decimal	61544
CIELab	83.61, -75.61, 51.70
CIELCh	84, 91.594, 145.638
Yxy	63.3197, 0.2793, 0.5254
Android (android.graphics.Color)	4278251624 (0xFF00F068)
YUV	152.7360, -24.0268, -133.9495
Hunter-Lab	79.5736, -63.7503, 38.1586

Details

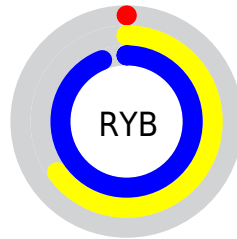
The YUV color **152.7360, -24.0268, -133.9495** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated spring green. A complement of this color would be **87.2640, 24.0268, 133.9495**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.1850, -21.2902, -78.2152**, and **112.5340, -30.8293, -98.6923** is the 20% darker color. If you saturate the color by 10%, you get **152.7360, -24.0268, -133.9495**, and if you desaturate by 10%, it is **161.5080, -21.4494, -120.5945**.

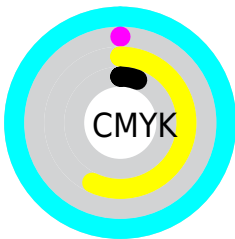
Distribution



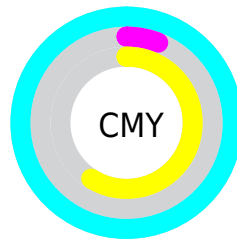
- Red (0%)
- Green (94%)
- Blue (41%)



- Red (0%)
- Yellow (65%)
- Blue (94%)



- Cyan (100%)
- Magenta (0%)
- Yellow (57%)
- Black (6%)



- Cyan (100%)
- Magenta (6%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.7360, -24.0268, -133.9495 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 152.7360, -24.0268, -133.9495 by changing the saturation by 10% instead.

152.7360,
-24.0268, -133.9495

152.7360,
-24.0268, -133.9495

255.0000, 0.0000,
0.0000

132.6350,
-27.4281, -116.3209

201.1850,
-21.2902, -78.2152

112.5340,
-30.8293, -98.6923

214.5430,
-14.0717, -60.1122

92.5640, -36.2671,
-81.1786

227.7160, -6.2690,
-42.7239

74.5490, -36.7527,
-65.3795

240.5900, 1.6811,
-25.9504

58.7000, -28.9391,
-51.4799

251.4120, 1.7689,
-7.3773

43.4380, -21.4149,
-38.0951

28.7630, -14.1802,

-25.2252

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,
0.0000

■ 152.7360,
-24.0268, -133.9495

■ 161.5080,
-21.4494, -120.5945

■ 170.1660,
-19.3088, -107.1396

■ 178.9380,
-16.7314, -93.7846

■ 187.5960,
-14.5908, -80.3297

■ 196.3680,
-12.0134, -66.9747

■ 205.1400, -9.4360,
-53.6198

■ 213.7980, -7.2954,
-40.1648

■ 222.5700, -4.7180,
-26.8099

■ 231.2280, -2.5774,
-13.3550

Harmonies

Analogous

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



184.9980, -91.2040, -7.0142



152.7360, -24.0268, -133.9495



166.9910, 12.8224, -146.4511

Triad

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



152.7360, -24.0268, -133.9495



159.9710, 46.8493, -140.2946



166.6400, -13.6265, 77.4917

Complementary

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



152.7360, -24.0268, -133.9495



87.2640, 24.0268, 133.9495

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.



171.1610, 26.5426, 73.5268



152.7360, -24.0268, -133.9495



194.7080, 29.7240, -13.7759

Square

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



152.7360, -24.0268, -133.9495



170.5370, 41.6403, -149.5609



192.7780, 30.6754, 54.5687



179.3530, -58.8410, 66.3424

Rectangle

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



152.7360, -24.0268, -133.9495



174.4180, 38.7409, -152.9646



192.7780, 30.6754, 54.5687



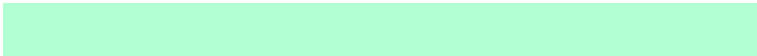
165.1360, 0.9190, 78.8107

Sweetspot

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



152.7360, -24.0268, -133.9495



227.3740, -7.5794, -42.4240



181.5440, -89.5012, -39.9421



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.



152.7360, -24.0268, -133.9495



162.3390, -25.3101, -142.3713



166.4160, 28.3889, -145.9468



115.6140, -1.2887, -6.6775



117.1280, -18.3041, -102.7213



35.6080, -5.7227, -31.2282

Inverse Universe

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



87.2640, 24.0268, 133.9495



92.6610, 25.3101, 142.3713



73.5840, -28.3889, 145.9468



112.3860, 1.2887, 6.6775



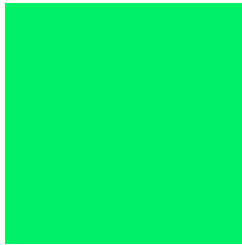
66.8720, 18.3041, 102.7213



20.3920, 5.7227, 31.2282

Previews

White Background



This preview shows how the YUV color 152.7360, -24.0268, -133.9495 looks on a white background.

Color Contrast Check

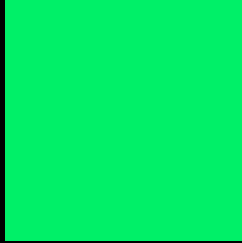
Large Text (above 18pt) WCAG AA × Fail

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 152.7360, -24.0268, -133.9495 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 152.7360, -24.0268, -133.9495 Background



This preview shows how black text looks on a background with the YUV color 152.7360, -24.0268, -133.9495.



This preview shows how white text looks on a background with the YUV color 152.7360, -24.0268, -133.9495.

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



Protanopia

200.5820, -53.0379, 24.9226

Deuteranopia

204.2110, -43.4880, 41.9110

Tritanopia

187.9970, 27.6095, -82.4354

Trichromacy



Protanomaly

183.2650, -42.5286, -32.6814

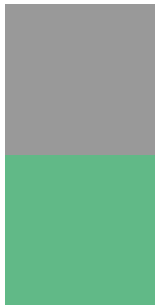
Deuteranomaly

185.6390, -36.3040, -22.4854

Tritanomaly

174.9520, 8.8977, -100.8129

Monochromacy



Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.9880, -8.8681, -49.1015

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.7360, -24.0268, -133.9495 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, 240, 104)` looks like.

```
.text, #text, p{  
    color:rgb(0, 240, 104)  
}
```

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, 240, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 240, 104) }
```

Border

The CSS property to change the border of an element to YUV 152.7360, -24.0268, -133.9495 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, 240, 104) }
```

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

```
.border{ border-color:rgb(0, 240, 104) }
```

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

Here you see how a box with a 4 pixel rgb(0, 240, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 240, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 240, 104);  
box-shadow:4px 4px 4px 4px rgb(0, 240,  
104) }
```


Background

The CSS property to change the background color of an element to YUV 152.7360, -24.0268, -133.9495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 240, 104) }
```

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

```
.background{ background-color: rgb(0, 240,  
104) }
```

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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