

Converting Colors

YUV(155.0430, -53.2652,
-135.9727)

Have a look what the booklet for
YUV(155.0430, -53.2652, -135.9727)
contains.

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Color

**YUV(155.0430, -53.2652,
-135.9727)**

Conversions

Conversions Part 1

Format	Color
Hex	00FF2F
RGB	0, 255, 47
RGB Percent	0%, 100%, 18%
CMY	1.0000, 0.0000, 0.8157
CMYK	1.00, 0.00, 0.82, 0.00
HSL	131°, 100%, 50%
HSV	131°, 100%, 100%
XYZ	36.2731, 71.7252, 14.6219
YIQ	155.0430, -85.2120, -118.7480

Conversions

Conversions Part 2

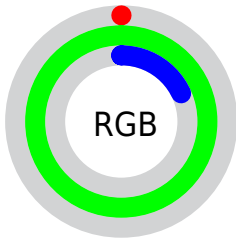
Format	Color
RYB	0, 215, 255
Decimal	65327
CIELab	87.84, -84.89, 76.61
CIELCh	88, 114.350, 137.936
Yxy	71.7252, 0.2958, 0.5849
Android (android.graphics.Color)	4278255407 (0xFF00FF2F)
YUV	155.0430, -53.2652, -135.9727
Hunter-Lab	84.6908, -71.7572, 49.0471

Details

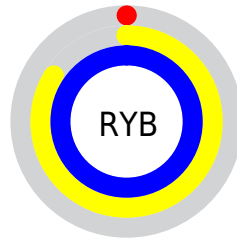
The YUV color **155.0430, -53.2652, -135.9727** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **99.9570, 53.2652, 135.9727**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.9200, -42.8516, -69.2128**, and **115.0520, -56.7206, -100.9006** is the 20% darker color. If you saturate the color by 10%, you get **155.0430, -53.2652, -135.9727**, and if you desaturate by 10%, it is **164.9120, -47.7776, -122.7028**.

Distribution



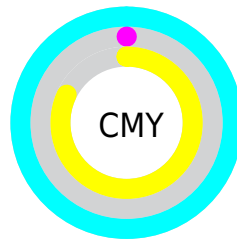
- Red (0%)
- Green (100%)
- Blue (18%)



- Red (0%)
- Yellow (84%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (82%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.0430, -53.2652, -135.9727 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 155.0430, -53.2652, -135.9727 by changing the saturation by 10% instead.

■ 155.0430,
-53.2652, -135.9727

■ 155.0430,
-53.2652, -135.9727

■ 255.0000, 0.0000,
0.0000

■ 132.0750,
-65.1130, -115.8298

■ 197.9200,
-42.8516, -69.2128

■ 115.0520,
-56.7206, -100.9006

■ 211.6910,
-35.3437, -50.5950

■ 98.6160, -48.6177,
-86.4862

■ 225.2770,
-27.2516, -32.6919

■ 82.1800, -40.5147,
-72.0719

■ 238.4500,
-19.4489, -15.3037

■ 66.3310, -32.7012,
-58.1723

■ 251.4380,
-11.0619, 1.3699

■ 50.4820, -24.8876,
-44.2727

■ 35.8070, -17.6529,

-31.4027

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 155.0430,
-53.2652, -135.9727

■ 164.9120,
-47.7776, -122.7028

■ 175.0800,
-42.4374, -108.8182

■ 185.1340,
-37.5341, -94.8335

■ 195.0030,
-32.0465, -81.5636

■ 205.1710,
-26.7063, -67.6790

■ 215.0400,
-21.2187, -54.4091

■ 225.2080,
-15.8785, -40.5244

■ 234.9630,
-10.8278, -27.1546

■ 245.1310, -5.4876,
-13.2699

Harmonies

Analogous

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



198.9410, -98.0779, 4.4367



155.0430, -53.2652, -135.9727



169.1790, 0.8978, -148.3700

Triad

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



155.0430, -53.2652, -135.9727



173.4720, 40.1933, -152.1349



145.0810, 7.8481, 96.3990

Complementary

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



155.0430, -53.2652, -135.9727



99.9570, 53.2652, 135.9727

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.



158.1450, 47.7495, 84.9418



155.0430, -53.2652, -135.9727



172.3620, 40.7405, -94.1565

Square

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



155.0430, -53.2652, -135.9727



178.7550, 37.5888, -156.7681



196.3000, 28.9391, 51.4799



167.8750, -57.1264, 76.4086

Rectangle

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



155.0430, -53.2652, -135.9727



177.8430, 34.0944, -155.9683



196.3000, 28.9391, 51.4799



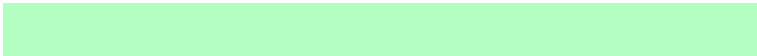
142.6140, 26.3193, 98.5625

Sweetspot

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



155.0430, -53.2652, -135.9727



225.2080, -15.8785, -40.5244



211.8770, -104.4554, -3.4001



109.9140, -9.8176, -24.4806



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.



155.0430, -53.2652, -135.9727



169.5210, 2.2081, -148.6699



122.8590, -2.8885, -6.8923



116.1070, -39.9858, -101.8258



38.9360, -13.2794, -34.1469

Inverse Universe

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



99.9570, 53.2652, 135.9727



85.4790, -2.2081, 148.6699



120.0270, 2.4517, 6.9923



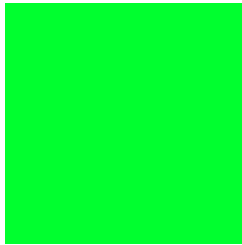
74.8930, 39.9858, 101.8258



25.0640, 13.2794, 34.1469

Previews

White Background



This preview shows how the YUV color 155.0430, -53.2652, -135.9727 looks on a white background.

Color Contrast Check

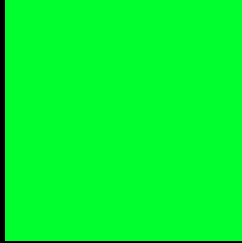
Large Text (above 18pt) WCAG AA × Fail

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 155.0430, -53.2652, -135.9727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

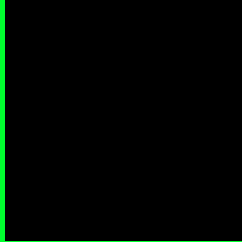
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

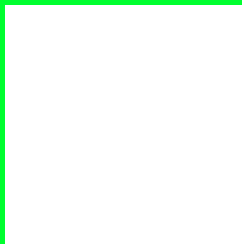
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 155.0430, -53.2652, -135.9727 Background



This preview shows how black text looks on a background with the YUV color 155.0430, -53.2652, -135.9727.

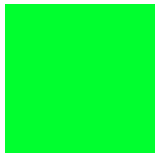


This preview shows how white text looks on a background with the YUV color 155.0430, -53.2652, -135.9727.

Color Blindness Simulation

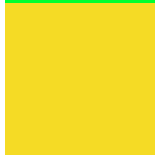
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

155.0430, -53.2652, -135.9727



Protanopia

206.0260, -83.3298, 34.1802



Deuteranopia

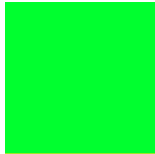
216.6320, -35.3146, 33.6487



Tritanopia

202.2750, 25.9934, -77.4172

Trichromacy



Original Color

155.0430, -53.2652, -135.9727



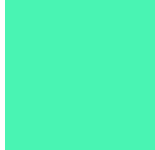
Protanomaly

187.5020, -72.2255, -27.6273



Deuteranomaly

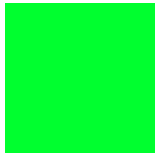
194.1130, -41.9607, -28.1631



Tritanomaly

185.4610, -3.1853, -98.6283

Monochromacy



Original Color

155.0430, -53.2652, -135.9727



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

154.9420, -19.1984, -49.0611

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.0430, -53.2652, -135.9727 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, 255, 47)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 47)  
}
```

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, 255, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 47) }
```

Border

The CSS property to change the border of an element to YUV 155.0430, -53.2652, -135.9727 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, 255, 47) }
```

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

```
.border{ border-color:rgb(0, 255, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 255, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 47);  
box-shadow:4px 4px 4px 4px rgb(0, 255, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 155.0430, -53.2652, -135.9727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 47) }
```

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

```
.background{ background-color: rgb(0, 255,  
47) }
```

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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