

Converting Colors

YUV(155.7090, -43.2405,
-131.2948)

Have a look what the booklet for
YUV(155.7090, -43.2405, -131.2948)
contains.

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Color

**YUV(155.7090, -43.2405,
-131.2948)**

Conversions

Conversions Part 1

Format	Color
Hex	06F944
RGB	6, 249, 68
RGB Percent	2%, 98%, 27%
CMY	0.9765, 0.0235, 0.7333
CMYK	0.98, 0.00, 0.73, 0.02
HSL	135°, 95%, 50%
HSV	135°, 98%, 98%
XYZ	34.9942, 68.2074, 16.7898
YIQ	155.7090, -86.7270, -107.8070

Conversions

Conversions Part 2

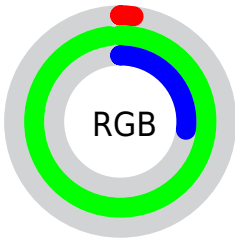
Format	Color
RYB	6, 200, 249
Decimal	457028
CIELab	86.11, -81.77, 68.80
CIELCh	86, 106.863, 139.921
Yxy	68.2074, 0.2916, 0.5684
Android (android.graphics.Color)	4278647108 (0xFF06F944)
YUV	155.7090, -43.2405, -131.2948
Hunter-Lab	82.5878, -68.8945, 45.7580

Details

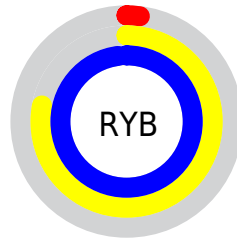
The YUV color **155.7090, -43.2405, -131.2948** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **99.2910, 43.2405, 131.2948**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.0320, -36.0048, -71.9421**, and **112.1170, -55.2737, -98.3266** is the 20% darker color. If you saturate the color by 10%, you get **153.4590, -44.1033, -134.5835**, and if you desaturate by 10%, it is **165.3500, -38.6265, -117.8250**.

Distribution



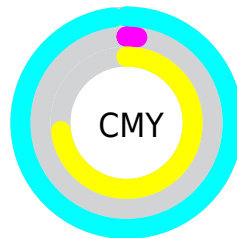
- Red (2%)
- Green (98%)
- Blue (27%)



- Red (2%)
- Yellow (78%)
- Blue (98%)



- Cyan (98%)
- Magenta (0%)
- Yellow (73%)
- Black (2%)



- Cyan (98%)
- Magenta (2%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.7090, -43.2405, -131.2948 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 155.7090, -43.2405, -131.2948 by changing the saturation by 10% instead.

■ 155.7090,
-43.2405, -131.2948

■ 155.7090,
-43.2405, -131.2948

■ 255.0000, 0.0000,
0.0000

■ 133.0160,
-48.8149, -116.6550

■ 199.0320,
-36.0048, -71.9421

■ 112.1170,
-55.2737, -98.3266

■ 212.8030,
-28.4969, -53.3242

■ 95.0940, -46.8813,
-83.3974

■ 225.8620,
-21.1310, -35.8360

■ 79.2450, -39.0678,
-69.4979

■ 239.0350,
-13.3283, -18.4477

■ 63.3960, -31.2542,
-55.5983

■ 252.0230, -4.9413,
-1.7742

■ 47.5470, -23.4407,
-41.6987

■ 32.8720, -16.2059,

-28.8287

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 155.7090,
-43.2405, -131.2948

■ 155.7090,
-43.2405, -131.2948

■ 153.4590,
-44.1033, -134.5835

■ 165.3500,
-38.6265, -117.8250

■ 174.8770,
-34.4494, -104.2551

■ 184.5180,
-29.8354, -90.7853

■ 194.0450,
-25.6582, -77.2155

■ 203.6860,
-21.0442, -63.7456

■ 212.9140,
-16.7196, -50.7906

■ 222.5550,
-12.1056, -37.3207

■ 232.0820, -7.9284,
-23.7509

■ 241.7230, -3.3144,
-10.2811

Harmonies

Analogous

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



193.9020, -95.5937, 0.9629



155.7090, -43.2405, -131.2948



169.8630, 3.5185, -148.9699

Triad

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



155.7090, -43.2405, -131.2948



168.7760, 42.5084, -148.0166



152.9740, 0.0128, 89.4768

Complementary

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



155.7090, -43.2405, -131.2948



99.2910, 43.2405, 131.2948

Split Complementary

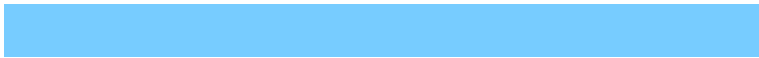
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



163.9010, 44.4188, 79.8938



155.7090, -43.2405, -131.2948



184.3990, 34.8063, -57.3549

Square

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



155.7090, -43.2405, -131.2948



178.7550, 37.5888, -156.7681



194.5390, 29.8073, 53.0243



171.6250, -57.9891, 73.1199

Rectangle

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



155.7090, -43.2405, -131.2948



177.9570, 34.5312, -156.0683



194.5390, 29.8073, 53.0243



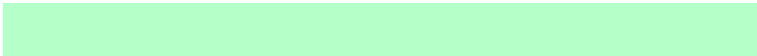
151.4530, 17.0317, 90.8107

Sweetspot

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



155.7090, -43.2405, -131.2948



226.6040, -13.1158, -39.9947



203.0590, -97.1501, -13.2067



110.6690, -8.2178, -24.2657



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.



155.7090, -43.2405, -131.2948



157.0950, -45.4028, -137.7723



169.3890, 9.1752, -143.2922



120.0870, -2.0149, -7.0923



116.4150, -33.7286, -102.0960



37.6310, -10.6641, -33.0024

Inverse Universe

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



99.2910, 43.2405, 131.2948



97.9050, 45.4028, 137.7723



85.6110, -9.1752, 143.2922



117.0270, 2.4517, 6.9923



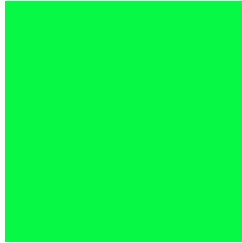
72.5850, 33.7286, 102.0960



23.4830, 11.1009, 32.9024

Previews

White Background



This preview shows how the YUV color 155.7090, -43.2405, -131.2948 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 155.7090, -43.2405, -131.2948 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

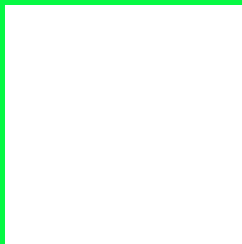
Any Text WCAG AAA ✓ Pass

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

YUV 155.7090, -43.2405, -131.2948 Background



This preview shows how black text looks on a background with the YUV color 155.7090, -43.2405, -131.2948.

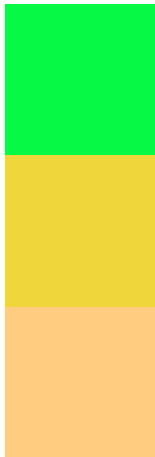


This preview shows how white text looks on a background with the YUV color 155.7090, -43.2405, -131.2948.

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

155.7090, -43.2405, -131.2948

Protanopia

203.8050, -71.3889, 30.8660

Deuteranopia

211.0580, -41.4406, 38.5371



Tritanopia

195.2960, 27.4621, -81.8206

Trichromacy



Original Color

155.7090, -43.2405, -131.2948



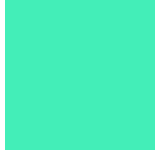
Protanomaly

186.3630, -61.3110, -28.3824



Deuteranomaly

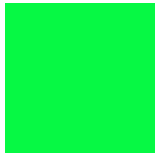
190.8470, -41.8296, -23.5448



Tritanomaly

180.7150, 1.6195, -99.7281

Monochromacy



Original Color

155.7090, -43.2405, -131.2948



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

155.8650, -15.7094, -48.1166

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.7090, -43.2405, -131.2948 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(6, 249, 68)` looks like.

```
.text, #text, p{  
    color:rgb(6, 249, 68)  
}
```

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(6, 249, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 249, 68) }
```

Border

The CSS property to change the border of an element to YUV 155.7090, -43.2405, -131.2948 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(6, 249, 68) }
```


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

```
.border{ border-color:rgb(6, 249, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 249, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 249, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 249, 68);  
box-shadow:4px 4px 4px 4px rgb(6, 249, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 155.7090, -43.2405, -131.2948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 249, 68) }
```

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

```
.background{ background-color: rgb(6, 249,  
68) }
```

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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