

Converting Colors

YUV(154.3090, -59.8053,
-91.4790)

Have a look what the booklet for
YUV(154.3090, -59.8053, -91.4790)
contains.

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Color

**YUV(154.3090, -59.8053,
-91.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	32E721
RGB	50, 231, 33
RGB Percent	20%, 91%, 13%
CMY	0.8039, 0.0941, 0.8706
CMYK	0.78, 0.00, 0.86, 0.09
HSL	115°, 80%, 52%
HSV	115°, 86%, 91%
XYZ	30.1658, 57.9397, 11.0324
YIQ	154.3090, -44.3180, -99.9500

Conversions

Conversions Part 2

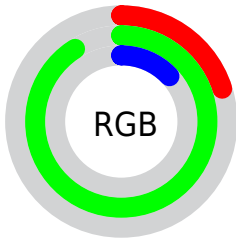
Format	Color
RYB	33, 231, 214
Decimal	3335969
CIELab	80.71, -75.77, 73.49
CIELCh	81, 105.561, 135.875
Yxy	57.9397, 0.3043, 0.5844
Android (android.graphics.Color)	4281526049 (0xFF32E721)
YUV	154.3090, -59.8053, -91.4790
Hunter-Lab	76.1182, -62.4668, 44.6893

Details

The YUV color **154.3090, -59.8053, -91.4790** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **109.6910, 59.8053, 91.4790**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.2430, -49.4198, -62.4801**, and **102.1380, -50.3540, -89.5750** is the 20% darker color. If you saturate the color by 10%, you get **145.4080, -66.7561, -102.0898**, and if you desaturate by 10%, it is **163.2100, -52.8545, -80.8682**.

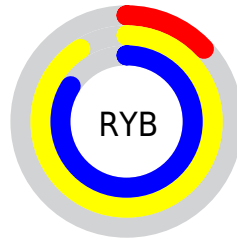
Distribution



Red (20%)

Green (91%)

Blue (13%)



Red (13%)

Yellow (91%)

Blue (84%)

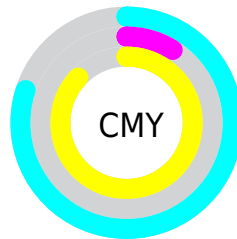


Cyan (78%)

Magenta (0%)

Yellow (86%)

Black (9%)



Cyan (80%)

Magenta (9%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.3090, -59.8053, -91.4790 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 154.3090, -59.8053, -91.4790 by changing the saturation by 10% instead.

■ 154.3090,
-59.8053, -91.4790

■ 154.3090,
-59.8053, -91.4790

■ 255.0000, 0.0000,
0.0000

■ 118.5740,
-58.4570, -103.9894

■ 199.2430,
-49.4198, -62.4801

■ 102.1380,
-50.3540, -89.5750

■ 212.4160,
-41.6171, -45.0918

■ 85.7020, -42.2511,
-75.1607

■ 225.2900,
-33.6670, -28.3183

■ 69.8530, -34.4375,
-61.2611

■ 237.8650,
-25.5694, -12.1596

■ 54.0040, -26.6240,
-47.3615

■ 250.4400,
-17.4719, 3.9991

■ 39.3290, -19.3892,
-34.4915

■ 253.8600, -4.3680,

■ 24.6540, -12.1544,

0.9998

-21.6216

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,
0.0000

■ 154.3090,
-59.8053, -91.4790

■ 154.3090,
-59.8053, -91.4790

■ 145.4080,
-66.7561, -102.0898

■ 163.2100,
-52.8545, -80.8682

■ 141.5770,
-69.7975, -106.6230

■ 172.1110,
-45.9037, -70.2573

■ 181.0120,
-38.9529, -59.6465

■ 189.9130,
-32.0021, -49.0357

■ 199.1130,
-25.1987, -37.8101

■ 208.1280,
-17.8111, -27.2993

■ 217.0290,
-10.8603, -16.6884

■ 225.9300, -3.9095,
-6.0776

■ 234.8310, 3.0413,
4.5332

Harmonies

Analogous

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



181.8520, -89.6530, 8.8998



154.3090, -59.8053, -91.4790



157.7520, -4.8077, -138.3485

Triad

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



154.3090, -59.8053, -91.4790



161.1450, 46.2705, -141.3242



139.4730, 6.6688, 101.3172

Complementary

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



154.3090, -59.8053, -91.4790



109.6910, 59.8053, 91.4790

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.



155.9280, 46.8705, 86.8861



154.3090, -59.8053, -91.4790



143.5350, 54.9522, -125.8802

Square

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



154.3090, -59.8053, -91.4790



169.9500, 41.9297, -149.0461



190.4300, 31.8330, 56.6279



158.9390, -50.7489, 84.2455

Rectangle

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



154.3090, -59.8053, -91.4790



167.4930, 24.9000, -146.8914



190.4300, 31.8330, 56.6279



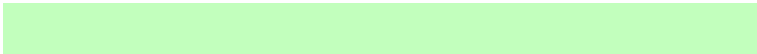
138.4250, 22.9615, 102.2363

Sweetspot

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



154.3090, -59.8053, -91.4790



229.2370, -19.8368, -30.9028



196.6880, -80.6982, 30.0916



112.3770, -12.0179, -18.7476



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.



154.3090, -59.8053, -91.4790



156.2630, -77.0377, -117.7487



158.2320, -22.7924, -109.8285



110.3430, -3.6201, -5.5628



109.5580, -54.0121, -82.9274



31.1330, -15.3486, -23.7956

Inverse Universe

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



109.6910, 59.8053, 91.4790



98.7370, 77.0377, 117.7487



105.7680, 22.7924, 109.8285



107.6570, 3.6201, 5.5628



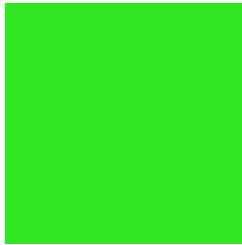
69.1430, 54.1595, 82.3126



19.8670, 15.3486, 23.7956

Previews

White Background



This preview shows how the YUV color 154.3090, -59.8053, -91.4790 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 154.3090, -59.8053, -91.4790 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 154.3090, -59.8053, -91.4790 Background



This preview shows how black text looks on a background with the YUV color 154.3090, -59.8053, -91.4790.



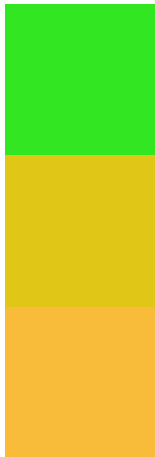
This preview shows how white text looks on a background with the YUV color 154.3090, -59.8053, -91.4790.

-91.4790.

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

154.3090, -59.8053, -91.4790

Protanopia

186.4110, -80.5616, 32.9656

Deuteranopia

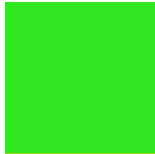
191.4190, -65.7756, 50.4985



Tritanopia

184.3470, 23.4929, -68.7103

Trichromacy



Original Color

154.3090, -59.8053, -91.4790



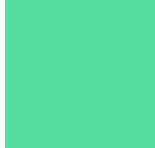
Protanomaly

175.0740, -73.0005, -12.3429



Deuteranomaly

178.2570, -63.7237, -1.1024



Tritanomaly

173.6810, -6.7447, -76.8962

Monochromacy



Original Color

154.3090, -59.8053, -91.4790



Achromatopsia

154.0000, 0.0000, 0.0000



Achromatomaly

154.0580, -21.7206, -33.3769

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.3090, -59.8053, -91.4790 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(50, 231, 33)` looks like.

```
.text, #text, p{  
    color:rgb(50, 231, 33)  
}
```

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(50, 231, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 231, 33) }
```

Border

The CSS property to change the border of an element to YUV 154.3090, -59.8053, -91.4790 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(50, 231, 33) }
```


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

```
.border{ border-color:rgb(50, 231, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 231, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 231, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 231, 33);  
box-shadow:4px 4px 4px 4px rgb(50, 231,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 154.3090, -59.8053, -91.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 231, 33) }
```

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

```
.background{ background-color: rgb(50, 231,  
33) }
```

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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