

Converting Colors

YUV(151.9320, -44.3365,
-59.5764)

Have a look what the booklet for
YUV(151.9320, -44.3365, -59.5764)
contains.

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Color

**YUV(151.9320, -44.3365,
-59.5764)**

Conversions

Conversions Part 1

Format	Color
Hex	54CC3E
RGB	84, 204, 62
RGB Percent	33%, 80%, 24%
CMY	0.6706, 0.2000, 0.7569
CMYK	0.59, 0.00, 0.70, 0.20
HSL	111°, 58%, 52%
HSV	111°, 70%, 80%
XYZ	26.1185, 45.4183, 11.9475
YIQ	151.9320, -25.9380, -69.6020

Conversions

Conversions Part 2

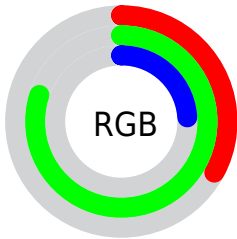
Format	Color
RYB	62, 204, 182
Decimal	5557310
CIELab	73.17, -59.27, 57.99
CIELCh	73, 82.918, 135.628
Yxy	45.4183, 0.3129, 0.5440
Android (android.graphics.Color)	4283747390 (0xFF54CC3E)
YUV	151.9320, -44.3365, -59.5764
Hunter-Lab	67.3931, -48.7595, 36.6643

Details

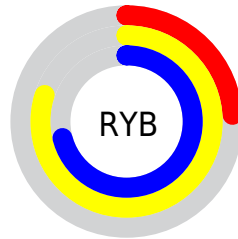
The YUV color **151.9320, -44.3365, -59.5764** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **114.0680, 44.3365, 59.5764**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.3780, -44.0634, -53.8285**, and **87.4630, -43.1193, -76.7051** is the 20% darker color. If you saturate the color by 10%, you get **144.5690, -50.5665, -68.0280**, and if you desaturate by 10%, it is **159.2950, -38.1064, -51.1247**.

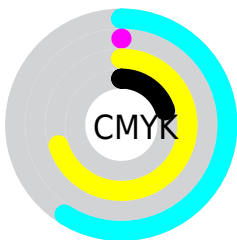
Distribution



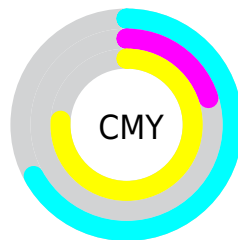
- Red (33%)
- Green (80%)
- Blue (24%)



- Red (24%)
- Yellow (80%)
- Blue (71%)



- Cyan (59%)
- Magenta (0%)
- Yellow (70%)
- Black (20%)



- Cyan (67%)
- Magenta (20%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.9320, -44.3365, -59.5764 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 151.9320, -44.3365, -59.5764 by changing the saturation by 10% instead.

■ 151.9320,
-44.3365, -59.5764

■ 151.9320,
-44.3365, -59.5764

■ 255.0000, 0.0000,
0.0000

■ 121.6110,
-44.1782, -63.6798

■ 206.3780,
-44.0634, -53.8285

■ 87.4630, -43.1193,
-76.7051

■ 218.4260,
-36.6920, -38.0846

■ 71.6140, -35.3057,
-62.8055

■ 230.5880,
-28.8839, -22.4407

■ 56.3520, -27.7815,
-49.4207

■ 242.8640,
-20.6390, -6.8967

■ 41.6770, -20.5468,
-36.5507

■ 252.1500,
-10.9200, 2.4994

■ 28.1760, -13.8908,
-24.7104

■ 11.1530, -5.4984,

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 151.9320,
-44.3365, -59.5764

■ 151.9320,
-44.3365, -59.5764

■ 144.5690,
-50.5665, -68.0280

■ 159.2950,
-38.1064, -51.1247

■ 137.0920,
-57.2334, -76.3797

■ 166.7720,
-31.4396, -42.7730

■ 129.4300,
-63.3160, -85.4461

■ 174.4340,
-25.3570, -33.7066

■ 129.3160,
-63.7528, -85.3461

■ 181.9110,
-18.6901, -25.3549

■ 189.2740,
-12.4601, -16.9033

■ 196.6370, -6.2300,
-8.4516

■ 204.4130, 0.2894,
0.5148

■ 211.7760, 6.5194,
8.9664

■ 219.2530, 13.1863,
17.3181

Harmonies

Analogous

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



163.5780, -80.6440, 12.6481



151.9320, -44.3365, -59.5764



140.2900, -0.6360, -123.0343

Triad

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



151.9320, -44.3365, -59.5764



145.8830, 53.7947, -127.9394



151.2470, -4.0658, 90.9914

Complementary

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



151.9320, -44.3365, -59.5764



114.0680, 44.3365, 59.5764

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.



163.4330, 27.3945, 80.3043



151.9320, -44.3365, -59.5764



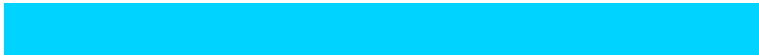
157.8080, 47.9157, -62.0986

Square

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



151.9320, -44.3365, -59.5764



152.9270, 50.3220, -134.1170



180.6180, 36.6703, 45.0620



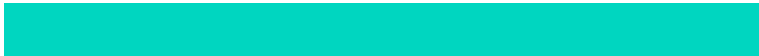
160.1760, -43.4708, 83.1606

Rectangle

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



151.9320, -44.3365, -59.5764



147.5060, 21.9355, -129.3628



180.6180, 36.6703, 45.0620



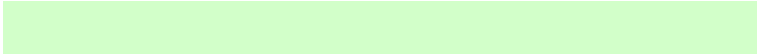
152.4500, 8.1592, 89.9364

Sweetspot

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



151.9320, -44.3365, -59.5764



235.3890, -16.9538, -22.2662



173.7240, -55.0799, 26.5521



116.2790, -9.9975, -13.3997



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.



151.9320, -44.3365, -59.5764



176.4850, -66.7941, -89.8793



150.7120, -20.5640, -77.8004



98.1690, -3.0413, -4.5332



105.2160, -51.8715, -69.4724



24.1000, -11.8813, -15.8737

Inverse Universe

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



114.0680, 44.3365, 59.5764



119.5150, 66.7941, 89.8793



115.2880, 20.5640, 77.8004



95.5320, 3.1887, 3.9184



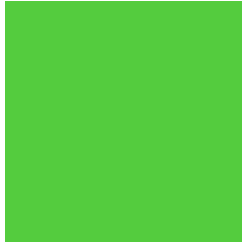
60.7840, 51.8715, 69.4724



13.9000, 11.8813, 15.8737

Previews

White Background



This preview shows how the YUV color 151.9320, -44.3365, -59.5764 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 151.9320, -44.3365, -59.5764 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 151.9320, -44.3365, -59.5764 Background



This preview shows how black text looks on a background with the YUV color 151.9320, -44.3365, -59.5764.



This preview shows how white text looks on a background with the YUV color 151.9320, -44.3365, -59.5764.

-59.5764.

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

151.9320, -44.3365, -59.5764

Protanopia

171.1430, -57.2585, 25.3076

Deuteranopia

173.7180, -49.1610, 41.4663



Tritanopia

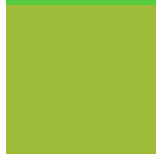
169.9860, 17.7549, -48.2227

Trichromacy



Original Color

151.9320, -44.3365, -59.5764



Protanomaly

164.2100, -52.3615, -5.4462



Deuteranomaly

165.9430, -47.2999, 4.4350



Tritanomaly

163.7040, -4.7841, -52.3604

Monochromacy



Original Color

151.9320, -44.3365, -59.5764



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

151.9160, -16.2276, -21.8513

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.9320, -44.3365, -59.5764 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(84, 204, 62)` looks like.

```
.text, #text, p{  
    color:rgb(84, 204, 62)  
}
```

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(84, 204, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 204, 62) }
```

Border

The CSS property to change the border of an element to YUV 151.9320, -44.3365, -59.5764 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(84, 204, 62) }
```


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

```
.border{ border-color:rgb(84, 204, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 204, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 204, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 204, 62);  
box-shadow:4px 4px 4px 4px rgb(84, 204,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 151.9320, -44.3365, -59.5764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 204, 62) }
```

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

```
.background{ background-color: rgb(84, 204,  
62) }
```

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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