

Converting Colors

YUV(174.2520, -33.1552,
-99.3220)

Have a look what the booklet for
YUV(174.2520, -33.1552, -99.3220)
contains.

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Color

**YUV(174.2520, -33.1552,
-99.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	3DF56B
RGB	61, 245, 107
RGB Percent	24%, 96%, 42%
CMY	0.7608, 0.0392, 0.5804
CMYK	0.75, 0.00, 0.56, 0.04
HSL	135°, 90%, 60%
HSV	135°, 75%, 96%
XYZ	37.2307, 67.3585, 24.9491
YIQ	174.2520, -65.3660, -81.9260

Conversions

Conversions Part 2

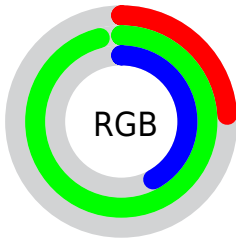
Format	Color
RYB	61, 208, 245
Decimal	4060523
CIELab	85.68, -72.46, 52.93
CIELCh	86, 89.732, 143.850
Yxy	67.3585, 0.2874, 0.5200
Android (android.graphics.Color)	4282250603 (0xFF3DF56B)
YUV	174.2520, -33.1552, -99.3220
Hunter-Lab	82.0722, -62.6527, 39.4270

Details

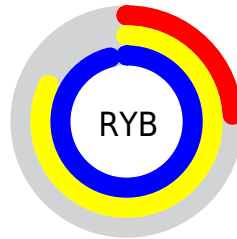
The YUV color **174.2520, -33.1552, -99.3220** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **131.7480, 33.1552, 99.3220**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.2190, -22.7860, -65.0901**, and **115.8110, -30.9658, -101.5662** is the 20% darker color. If you saturate the color by 10%, you get **164.7250, -37.3324, -112.8918**, and if you desaturate by 10%, it is **183.7790, -28.9780, -85.7522**.

Distribution



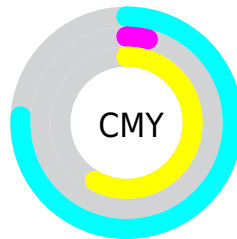
- Red (24%)
- Green (96%)
- Blue (42%)



- Red (24%)
- Yellow (82%)
- Blue (96%)



- Cyan (75%)
- Magenta (0%)
- Yellow (56%)
- Black (4%)



- Cyan (76%)
- Magenta (4%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.2520, -33.1552, -99.3220 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 174.2520, -33.1552, -99.3220 by changing the saturation by 10% instead.

174.2520,
-33.1552, -99.3220

174.2520,
-33.1552, -99.3220

255.0000, 0.0000,
0.0000

135.9120,
-27.5646, -119.1948

208.2190,
-22.7860, -65.0901

115.8110,
-30.9658, -101.5662

221.2780,
-15.4201, -47.6018

95.8410, -36.4036,
-84.0526

233.7390, -7.7593,
-31.3431

77.4840, -38.1996,
-67.9535

246.6130, 0.1908,
-14.5696

61.6350, -30.3861,
-54.0539

46.3730, -22.8619,
-40.6691

32.2850, -15.9165,

-28.3139

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 174.2520,
-33.1552, -99.3220

■ 174.2520,
-33.1552, -99.3220

■ 164.7250,
-37.3324, -112.8918

■ 183.7790,
-28.9780, -85.7522

■ 155.3830,
-42.0938, -125.7469

■ 193.1210,
-24.2167, -72.8971

■ 150.7690,
-44.2561, -132.2244

■ 202.3490,
-19.8921, -59.9421

■ 211.8760,
-15.7149, -46.3723

■ 221.2180,
-10.9535, -33.5172

■ 230.7450, -6.7763,
-19.9474

■ 240.3860, -2.1623,
-6.4775

■ 249.0160, 2.4571,
5.2480

■ 249.1300, 2.8939,
5.1480

Harmonies

Analogous

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



193.8010, -85.6839, -4.2105



174.2520, -33.1552, -99.3220



169.9260, 11.3755, -149.0251

Triad

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



174.2520, -33.1552, -99.3220



164.0800, 44.8236, -143.8982



172.7040, -10.7001, 72.1736

Complementary

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



174.2520, -33.1552, -99.3220



131.7480, 33.1552, 99.3220

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.



178.7580, 27.7273, 66.8642



174.2520, -33.1552, -99.3220



198.8060, 27.7036, -19.1239

Square

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



174.2520, -33.1552, -99.3220



174.0590, 39.9039, -152.6497



198.6480, 27.7815, 49.4207



183.8840, -54.1728, 62.3687

Rectangle

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



174.2520, -33.1552, -99.3220



177.8260, 36.5678, -155.9534



198.6480, 27.7815, 49.4207



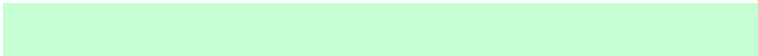
171.6730, 3.1192, 73.0778

Sweetspot

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



174.2520, -33.1552, -99.3220



232.3430, -10.5221, -31.8728



210.2700, -73.5901, -9.8838



114.1580, -6.4869, -19.4326



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.



174.2520, -33.1552, -99.3220



166.6220, -41.2256, -124.2025



184.7400, 7.0302, -108.5200



117.3860, -2.1623, -6.4775



114.5400, -33.2972, -100.4516



36.3430, -10.5221, -31.8728

Inverse Universe

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



131.7480, 33.1552, 99.3220



113.4920, 41.6624, 124.1025



121.2600, -7.0302, 108.5200



114.6140, 2.1623, 6.4775



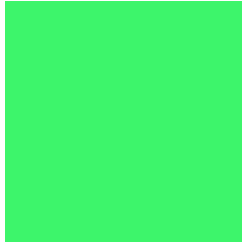
71.5740, 33.7340, 100.3516



22.6570, 10.5221, 31.8728

Previews

White Background



This preview shows how the YUV color 174.2520, -33.1552, -99.3220 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 174.2520, -33.1552, -99.3220 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 174.2520, -33.1552, -99.3220 Background



This preview shows how black text looks on a background with the YUV color 174.2520, -33.1552, -99.3220.

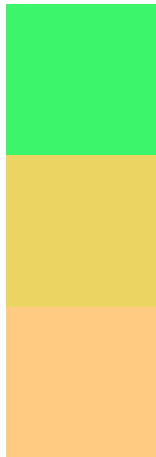


This preview shows how white text looks on a background with the YUV color 174.2520, -33.1552, -99.3220.

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

174.2520, -33.1552, -99.3220

Protanopia

205.7670, -53.6221, 25.6373

Deuteranopia

210.3400, -39.1146, 39.1668



Tritanopia

196.5850, 25.8406, -75.0580

Trichromacy



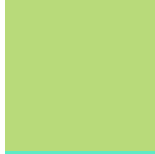
Original Color

174.2520, -33.1552, -99.3220



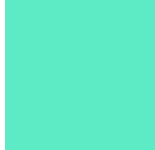
Protanomaly

194.4300, -46.0610, -19.6711



Deuteranomaly

196.8900, -36.9208, -11.3045



Tritanomaly

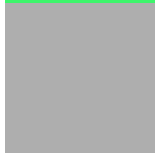
188.2100, 4.3335, -83.4992

Monochromacy



Original Color

174.2520, -33.1552, -99.3220



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

174.2670, -11.9636, -36.1912

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.2520, -33.1552, -99.3220 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(61, 245, 107)` looks like.

```
.text, #text, p{  
    color:rgb(61, 245, 107)  
}
```

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(61, 245, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 245, 107) }
```

Border

The CSS property to change the border of an element to YUV 174.2520, -33.1552, -99.3220 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(61, 245, 107) }
```


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

```
.border{ border-color:rgb(61, 245, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 245, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(61, 245, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(61, 245, 107); box-shadow:4px 4px 4px 4px rgb(61, 245, 107) }
```

Background

The CSS property to change the background color of an element to YUV 174.2520, -33.1552, -99.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 245, 107) }
```

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

```
.background{ background-color: rgb(61, 245,  
107) }
```

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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