

Converting Colors

YUV(174.1480, -32.1180,
-105.3698)

Have a look what the booklet for
YUV(174.1480, -32.1180, -105.3698)
contains.

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Color

**YUV(174.1480, -32.1180,
-105.3698)**

Conversions

Conversions Part 1

Format	Color
Hex	36F86D
RGB	54, 248, 109
RGB Percent	21%, 97%, 43%
CMY	0.7882, 0.0275, 0.5725
CMYK	0.78, 0.00, 0.56, 0.03
HSL	137°, 93%, 59%
HSV	137°, 78%, 97%
XYZ	37.8490, 69.0232, 25.7960
YIQ	174.1480, -71.0050, -84.3570

Conversions

Conversions Part 2

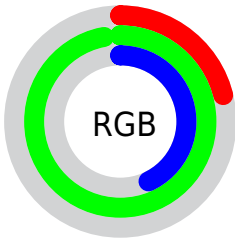
Format	Color
RYB	54, 205, 248
Decimal	3602541
CIELab	86.52, -74.02, 53.00
CIELCh	87, 91.039, 144.399
Yxy	69.0232, 0.2853, 0.5203
Android (android.graphics.Color)	4281792621 (0xFF36F86D)
YUV	174.1480, -32.1180, -105.3698
Hunter-Lab	83.0802, -64.0707, 39.7469

Details

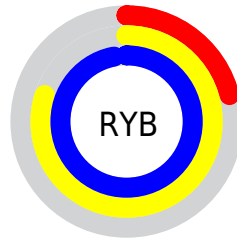
The YUV color **174.1480, -32.1180, -105.3698** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **127.8520, 32.1180, 105.3698**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.5500, -21.4701, -67.1343**, and **117.8000, -30.9604, -103.3106** is the 20% darker color. If you saturate the color by 10%, you get **164.6210, -36.2952, -118.9396**, and if you desaturate by 10%, it is **183.6750, -27.9408, -91.8000**.

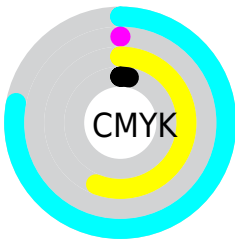
Distribution



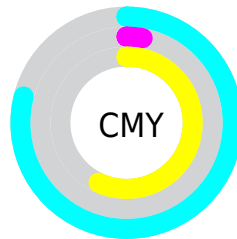
- Red (21%)
- Green (97%)
- Blue (43%)



- Red (21%)
- Yellow (80%)
- Blue (97%)



- Cyan (78%)
- Magenta (0%)
- Yellow (56%)
- Black (3%)



- Cyan (79%)
- Magenta (3%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.1480, -32.1180, -105.3698 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 174.1480, -32.1180, -105.3698 by changing the saturation by 10% instead.

174.1480,
-32.1180, -105.3698

174.1480,
-32.1180, -105.3698

255.0000, 0.0000,
0.0000

137.9010,
-27.5592, -120.9392

207.5500,
-21.4701, -67.1343

117.8000,
-30.9604, -103.3106

220.6090,
-14.1042, -49.6461

97.9440, -35.9614,
-85.8969

233.3690, -6.5909,
-32.7726

78.6580, -38.7784,
-68.9831

246.0580, 1.9434,
-16.7139

62.8090, -30.9648,
-55.0835

47.5470, -23.4407,
-41.6987

33.4590, -16.4953,

-29.3435

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 174.1480,
-32.1180, -105.3698

■ 174.1480,
-32.1180, -105.3698

■ 164.6210,
-36.2952, -118.9396

■ 183.6750,
-27.9408, -91.8000


■ 155.0940,
-40.4723, -132.5094

■ 193.2020,
-23.7636, -78.2302


■ 153.5560,
-41.1931, -134.6686


■ 202.3160,
-19.8758, -65.1751


■ 211.8430,
-15.6986, -51.6053

 221.3700,
-11.5214, -38.0355

 230.8970, -7.3442,
-24.4657

 240.3100, -3.6038,
-10.7959

 249.5380, 0.7208,
2.1592

 250.8910, 2.0257,
3.6036

Harmonies

Analogous

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



195.3340, -87.4257, -5.5549



174.1480, -32.1180, -105.3698



172.1430, 12.2545, -150.9694

Triad

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



174.1480, -32.1180, -105.3698



165.2540, 44.2448, -144.9278



173.2910, -10.9895, 71.6588

Complementary

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



174.1480, -32.1180, -105.3698



127.8520, 32.1180, 105.3698

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.



178.9860, 28.6009, 66.6643



174.1480, -32.1180, -105.3698



201.4750, 26.3878, -17.0796

Square

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



174.1480, -32.1180, -105.3698



175.2330, 39.3251, -153.6793



199.2350, 27.4921, 48.9059



184.9440, -55.1884, 61.4391

Rectangle

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



174.1480, -32.1180, -105.3698



178.7550, 37.5888, -156.7681



199.2350, 27.4921, 48.9059



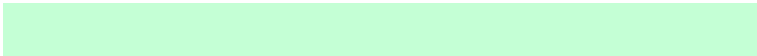
172.3740, 3.2666, 72.4630

Sweetspot

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



174.1480, -32.1180, -105.3698



232.5710, -9.6485, -32.0728



209.4390, -76.6314, -14.4170



114.2720, -6.0501, -19.5325



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.



174.1480, -32.1180, -105.3698



163.6320, -39.7516, -130.3503



185.2060, 10.2514, -115.0677



120.0870, -2.0149, -7.0923



116.9850, -31.5446, -102.5958



37.7450, -10.2273, -33.1024

Inverse Universe

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



127.8520, 32.1180, 105.3698



106.3680, 39.7516, 130.3503



116.7940, -10.2514, 115.0677



116.9130, 2.0149, 7.0923



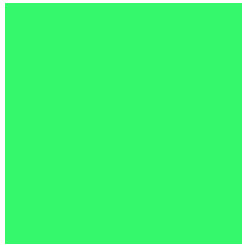
71.9010, 31.1078, 102.6958



23.2550, 10.2273, 33.1024

Previews

White Background



This preview shows how the YUV color 174.1480, -32.1180, -105.3698 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 174.1480, -32.1180, -105.3698 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 174.1480, -32.1180, -105.3698 Background



This preview shows how black text looks on a background with the YUV color 174.1480, -32.1180, -105.3698.



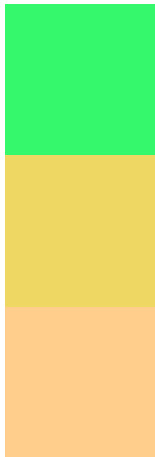
This preview shows how white text looks on a background with the YUV color 174.1480, -32.1180, -105.3698.

-105.3698.

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

174.1480, -32.1180, -105.3698

Protanopia

208.5390, -54.4957, 25.8373

Deuteranopia

213.1270, -36.0516, 36.7226



Tritanopia

198.0900, 26.5776, -78.1319

Trichromacy



Original Color

174.1480, -32.1180, -105.3698



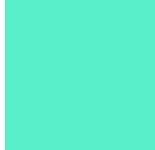
Protanomaly

196.0060, -46.3450, -21.9303



Deuteranomaly

198.8510, -34.4365, -14.7783



Tritanomaly

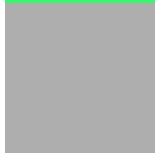
189.1170, 5.3653, -87.8026

Monochromacy



Original Color

174.1480, -32.1180, -105.3698



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.9570, -11.8108, -38.5503

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.1480, -32.1180, -105.3698 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(54, 248, 109)` looks like.

```
.text, #text, p{  
    color:rgb(54, 248, 109)  
}
```

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(54, 248, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 248, 109) }
```

Border

The CSS property to change the border of an element to YUV 174.1480, -32.1180, -105.3698 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(54, 248, 109) }
```


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

```
.border{ border-color:rgb(54, 248, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 248, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 248, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 248, 109);  
box-shadow:4px 4px 4px 4px rgb(54, 248,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 174.1480, -32.1180, -105.3698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 248, 109) }
```

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

```
.background{ background-color: rgb(54, 248,  
109) }
```

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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