

Converting Colors

YUV(174.1620, -43.4639,
-106.2591)

Have a look what the booklet for
YUV(174.1620, -43.4639, -106.2591)
contains.

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Color

**YUV(174.1620, -43.4639,
-106.2591)**

Conversions

Conversions Part 1

Format	Color
Hex	35FD56
RGB	53, 253, 86
RGB Percent	21%, 99%, 34%
CMY	0.7922, 0.0078, 0.6627
CMYK	0.79, 0.00, 0.66, 0.01
HSL	130°, 98%, 60%
HSV	130°, 79%, 99%
XYZ	38.2732, 71.6793, 20.6224
YIQ	174.1620, -65.5930, -94.3370

Conversions

Conversions Part 2

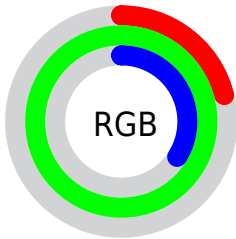
Format	Color
RYB	53, 225, 253
Decimal	3538262
CIELab	87.81, -78.25, 64.13
CIELCh	88, 101.175, 140.663
Yxy	71.6793, 0.2931, 0.5490
Android (android.graphics.Color)	4281728342 (0xFF35FD56)
YUV	174.1620, -43.4639, -106.2591
Hunter-Lab	84.6636, -67.4684, 44.8227

Details

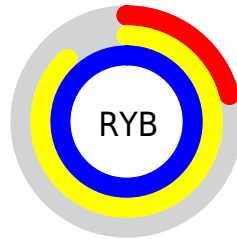
The YUV color **174.1620, -43.4639, -106.2591** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **131.8380, 43.4639, 106.2591**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.3410, -31.2271, -64.3201**, and **116.8590, -47.2585, -102.4853** is the 20% darker color. If you saturate the color by 10%, you get **164.2930, -48.9514, -119.5290**, and if you desaturate by 10%, it is **184.0310, -37.9763, -92.9892**.

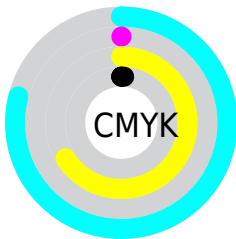
Distribution



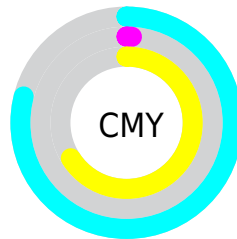
- Red (21%)
- Green (99%)
- Blue (34%)



- Red (21%)
- Yellow (88%)
- Blue (99%)



- Cyan (79%)
- Magenta (0%)
- Yellow (66%)
- Black (1%)



- Cyan (79%)
- Magenta (1%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.1620, -43.4639, -106.2591 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 174.1620, -43.4639, -106.2591 by changing the saturation by 10% instead.

174.1620,
-43.4639, -106.2591

174.1620,
-43.4639, -106.2591

255.0000, 0.0000,
0.0000

137.9860,
-39.9261, -121.0137

205.3410,
-31.2271, -64.3201

116.8590,
-47.2585, -102.4853

218.6990,
-24.0086, -46.2170

97.4420, -48.0389,
-85.4566

231.5730,
-16.0585, -29.4435

81.5930, -40.2253,
-71.5571

244.4470, -8.1084,
-12.6700

65.7440, -32.4118,
-57.6575

49.8950, -24.5982,
-43.7579

35.8070, -17.6529,

-31.4027

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 174.1620,
-43.4639, -106.2591

■ 174.1620,
-43.4639, -106.2591

■ 164.2930,
-48.9514, -119.5290

■ 184.0310,
-37.9763, -92.9892

■ 154.1250,
-54.2916, -133.4136

■ 194.1990,
-32.6361, -79.1045

■ 153.2990,
-54.8704, -134.4432

■ 204.0680,
-27.1485, -65.8346

■ 214.0510,
-21.2241, -52.6647

■ 224.2190,
-15.8840, -38.7801

■ 234.0880,
-10.3964, -25.5102

■ 243.9570, -4.9088,
-12.2403

253.8260, 0.5788,
1.0296

Harmonies

Analogous

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



197.7450, -97.4883, 1.9776



174.1620, -43.4639, -106.2591



170.8890, 7.4497, -149.8697

Triad

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



174.1620, -43.4639, -106.2591



170.5370, 41.6403, -149.5609



164.8110, -2.8648, 79.0958

Complementary

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



174.1620, -43.4639, -106.2591



131.8380, 43.4639, 106.2591

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.



173.9940, 39.9360, 71.0423



174.1620, -43.4639, -106.2591



194.8200, 29.6687, -42.8151

Square

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



174.1620, -43.4639, -106.2591



178.7550, 37.5888, -156.7681



199.8220, 27.2028, 48.3911



179.6780, -55.0573, 66.0574

Rectangle

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



174.1620, -43.4639, -106.2591



178.5270, 36.7152, -156.5682



199.8220, 27.2028, 48.3911



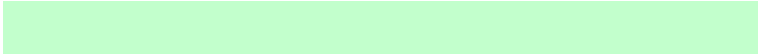
163.6490, 12.9910, 80.1148

Sweetspot

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



174.1620, -43.4639, -106.2591



230.9470, -13.2849, -32.4025



221.2300, -82.9374, 1.5523



113.4030, -8.0867, -19.6474



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.



174.1620, -43.4639, -106.2591



159.6140, -52.5607, -128.5805



185.2200, -1.0945, -115.9569



122.8590, -2.8885, -6.8923



115.7650, -41.2961, -101.5259



38.8220, -13.7162, -34.0469

Inverse Universe

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



131.8380, 43.4639, 106.2591



108.3860, 52.5607, 128.5805



120.7800, 1.0945, 115.9569



120.0270, 2.4517, 6.9923



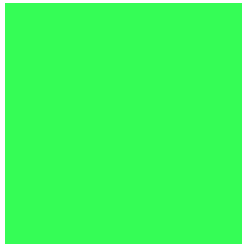
75.3490, 41.7329, 101.4259



25.1780, 13.7162, 34.0469

Previews

White Background



This preview shows how the YUV color 174.1620, -43.4639, -106.2591 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 174.1620, -43.4639, -106.2591 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 174.1620, -43.4639, -106.2591 Background



This preview shows how black text looks on a background with the YUV color 174.1620, -43.4639, -106.2591.

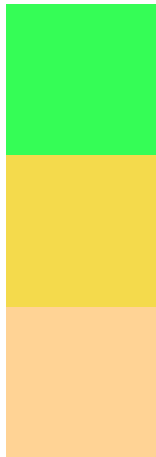


This preview shows how white text looks on a background with the YUV color 174.1620, -43.4639, -106.2591.

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

174.1620, -43.4639, -106.2591

Protanopia

209.5860, -65.8579, 30.1811

Deuteranopia

217.0880, -33.5674, 33.2488



Tritanopia

202.2860, 25.9880, -75.6728

Trichromacy



Original Color

174.1620, -43.4639, -106.2591



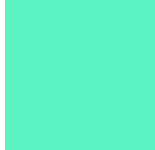
Protanomaly

197.0420, -57.7017, -19.3308



Deuteranomaly

201.4440, -37.1939, -17.0524



Tritanomaly

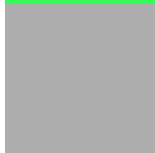
191.9770, 0.9973, -86.8028

Monochromacy



Original Color

174.1620, -43.4639, -106.2591



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

174.2190, -15.8840, -38.7801

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.1620, -43.4639, -106.2591 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(53, 253, 86)` looks like.

```
.text, #text, p{  
    color:rgb(53, 253, 86)  
}
```

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(53, 253, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 253, 86) }
```

Border

The CSS property to change the border of an element to YUV 174.1620, -43.4639, -106.2591 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(53, 253, 86) }
```


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

```
.border{ border-color:rgb(53, 253, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 253, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 253, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 253, 86);  
box-shadow:4px 4px 4px 4px rgb(53, 253,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 174.1620, -43.4639, -106.2591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 253, 86) }
```

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

```
.background{ background-color: rgb(53, 253,  
86) }
```

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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