

Converting Colors

YUV(184.3090, -56.3543,
-78.3240)

Have a look what the booklet for
YUV(184.3090, -56.3543, -78.3240)
contains.

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Color

**YUV(184.3090, -56.3543,
-78.3240)**

Conversions

Conversions Part 1

Format	Color
Hex	5FFC46
RGB	95, 252, 70
RGB Percent	37%, 99%, 27%
CMY	0.6275, 0.0118, 0.7255
CMYK	0.62, 0.00, 0.72, 0.01
HSL	112°, 97%, 63%
HSV	112°, 72%, 99%
XYZ	40.6352, 72.4959, 17.6458
YIQ	184.3090, -35.1500, -89.8860

Conversions

Conversions Part 2

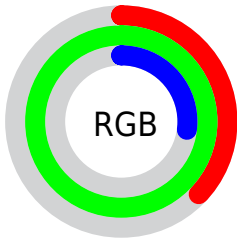
Format	Color
RYB	70, 252, 227
Decimal	6290502
CIELab	88.21, -72.50, 70.63
CIElCh	88, 101.214, 135.750
Yxy	72.4959, 0.3107, 0.5543
Android (android.graphics.Color)	4284480582 (0xFF5FFC46)
YUV	184.3090, -56.3543, -78.3240
Hunter-Lab	85.1445, -63.8138, 47.3136

Details

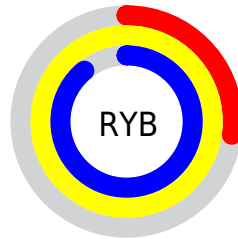
The YUV color **184.3090, -56.3543, -78.3240** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed green. A complement of this color would be **137.6910, 56.3543, 78.3240**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.4160, -41.6171, -45.0918**, and **113.8780, -56.1419, -99.8710** is the 20% darker color. If you saturate the color by 10%, you get **174.8810, -64.0313, -89.3496**, and if you desaturate by 10%, it is **193.7370, -48.6773, -67.2983**.

Distribution



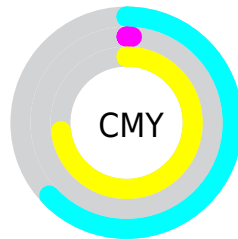
- Red (37%)
- Green (99%)
- Blue (27%)



- Red (27%)
- Yellow (99%)
- Blue (89%)



- Cyan (62%)
- Magenta (0%)
- Yellow (72%)
- Black (1%)



- Cyan (63%)
- Magenta (1%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.3090, -56.3543, -78.3240 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 184.3090, -56.3543, -78.3240 by changing the saturation by 10% instead.

184.3090,
-56.3543, -78.3240

184.3090,
-56.3543, -78.3240

255.0000, 0.0000,
0.0000

151.4500,
-56.9168, -84.5866

212.4160,
-41.6171, -45.0918

113.8780,
-56.1419, -99.8710

224.9910,
-33.5196, -28.9331

97.4420, -48.0389,
-85.4566

237.8650,
-25.5694, -12.1596

81.0060, -39.9360,
-71.0423

250.4400,
-17.4719, 3.9991

65.7440, -32.4118,
-57.6575

253.8600, -4.3680,
0.9998

49.8950, -24.5982,
-43.7579

35.8070, -17.6529,

-31.4027

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 184.3090,
-56.3543, -78.3240

■ 184.3090,
-56.3543, -78.3240

■ 174.8810,
-64.0313, -89.3496

■ 193.7370,
-48.6773, -67.2983

■ 165.7520,
-71.8557, -99.7605

■ 202.8660,
-40.8529, -56.8875

■ 158.3890,
-78.0858, -108.2122

■ 212.4080,
-32.7391, -45.9618

■ 221.8360,
-25.0621, -34.9362

■ 231.2640,
-17.3852, -23.9105

■ 240.3930, -9.5607,
-13.4997

■ 249.8210, -1.8838,
-2.4740

■ 253.2390, 0.8682,
1.5444

Harmonies

Analogous

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



201.0670, -99.1260, 13.9732



184.3090, -56.3543, -78.3240



169.0650, 0.4610, -148.2700

Triad

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



184.3090, -56.3543, -78.3240



173.4720, 40.1933, -152.1349



164.8740, 4.9921, 79.0405

Complementary

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



184.3090, -56.3543, -78.3240



137.6910, 56.3543, 78.3240

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.



178.1030, 37.9102, 67.4387



184.3090, -56.3543, -78.3240



183.0820, 35.4556, -79.0019

Square

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



184.3090, -56.3543, -78.3240



178.7550, 37.5888, -156.7681



205.1050, 24.5982, 43.7579



177.3930, -46.0427, 68.0613

Rectangle

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



184.3090, -56.3543, -78.3240



176.8170, 30.1632, -155.0685



205.1050, 24.5982, 43.7579



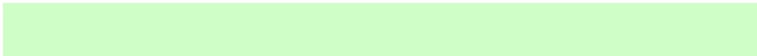
165.5870, 20.4166, 78.4152

Sweetspot

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



184.3090, -56.3543, -78.3240



234.2640, -17.3852, -23.9105



215.4030, -71.6837, 32.0956



115.4530, -10.5763, -14.4293



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.



184.3090, -56.3543, -78.3240



172.5830, -68.8144, -95.2273



184.1300, -24.7141, -100.0920



120.2290, -4.0569, -5.4628



118.7170, -58.5275, -81.3128



38.1990, -18.8321, -26.4845

Inverse Universe

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



137.6910, 56.3543, 78.3240



115.7160, 68.6670, 95.8421



137.8700, 24.7141, 100.0920



116.7710, 4.0569, 5.4628



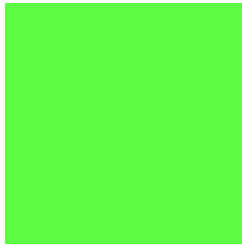
70.2830, 58.5275, 81.3128



22.8010, 18.8321, 26.4845

Previews

White Background



This preview shows how the YUV color 184.3090, -56.3543, -78.3240 looks on a white background.

Color Contrast Check

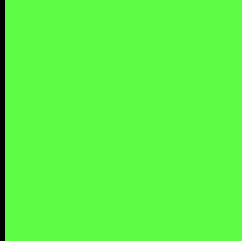
Large Text (above 18pt) WCAG AA × Fail

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 184.3090, -56.3543, -78.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

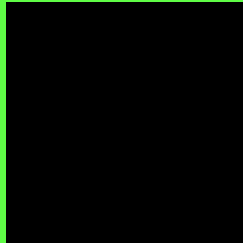
Any Text WCAG AA ✓ Pass

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 184.3090, -56.3543, -78.3240 Background



This preview shows how black text looks on a background with the YUV color 184.3090, -56.3543, -78.3240.



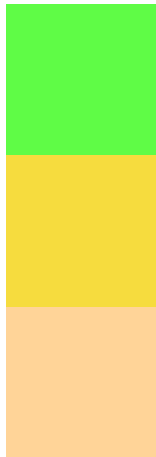
This preview shows how white text looks on a background with the YUV color 184.3090, -56.3543, -78.3240.

-78.3240.

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

184.3090, -56.3543, -78.3240

Protanopia

209.7620, -72.8467, 31.7807

Deuteranopia

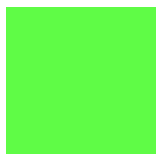
218.0170, -32.5464, 32.4341



Tritanopia

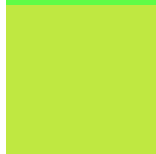
207.5650, 22.8925, -62.7625

Trichromacy



Original Color

184.3090, -56.3543, -78.3240



Protanomaly

200.7030, -66.9016, -8.5095



Deuteranomaly

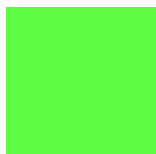
206.0600, -41.4416, -7.9456



Tritanomaly

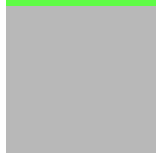
198.9640, -5.8983, -68.3744

Monochromacy



Original Color

184.3090, -56.3543, -78.3240



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

184.4330, -20.4265, -28.4437

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.3090, -56.3543, -78.3240 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(95, 252, 70)` looks like.

```
.text, #text, p{  
    color:rgb(95, 252, 70)  
}
```

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(95, 252, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 252, 70) }
```

Border

The CSS property to change the border of an element to YUV 184.3090, -56.3543, -78.3240 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(95, 252, 70) }
```


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

```
.border{ border-color:rgb(95, 252, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 252, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 252, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 252, 70);  
box-shadow:4px 4px 4px 4px rgb(95, 252,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 184.3090, -56.3543, -78.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 252, 70) }
```

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

```
.background{ background-color: rgb(95, 252,  
70) }
```

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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