

Converting Colors

YUV(187.7290, -39.7994,
-68.1683)

Have a look what the booklet for
YUV(187.7290, -39.7994, -68.1683)
contains.

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Color

**YUV(187.7290, -39.7994,
-68.1683)**

Conversions

Conversions Part 1

Format	Color
Hex	6EF36B
RGB	110, 243, 107
RGB Percent	43%, 95%, 42%
CMY	0.5686, 0.0471, 0.5804
CMYK	0.55, 0.00, 0.56, 0.05
HSL	119°, 85%, 69%
HSV	119°, 56%, 95%
XYZ	41.1348, 68.4777, 24.9594
YIQ	187.7290, -35.6120, -70.4920

Conversions

Conversions Part 2

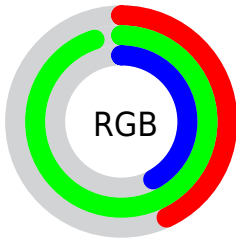
Format	Color
RYB	107, 243, 240
Decimal	7271275
CIELab	86.24, -62.51, 53.88
CIELCh	86, 82.524, 139.237
Yxy	68.4777, 0.3057, 0.5089
Android (android.graphics.Color)	4285461355 (0xFF6EF36B)
YUV	187.7290, -39.7994, -68.1683
Hunter-Lab	82.7513, -56.0841, 40.0429

Details

The YUV color **187.7290, -39.7994, -68.1683** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **162.2710, 39.7994, 68.1683**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.2820, -28.2400, -42.3433**, and **126.5860, -36.2779, -77.6899** is the 20% darker color. If you saturate the color by 10%, you get **177.8170, -46.7448, -80.5235**, and if you desaturate by 10%, it is **197.6410, -32.8540, -55.8132**.

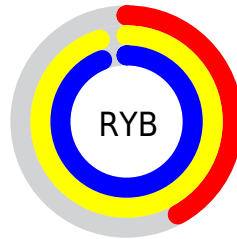
Distribution



Red (43%)

Green (95%)

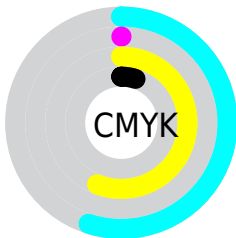
Blue (42%)



Red (42%)

Yellow (95%)

Blue (94%)

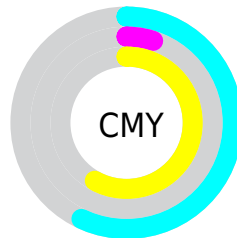


Cyan (55%)

Magenta (0%)

Yellow (56%)

Black (5%)



Cyan (57%)

Magenta (5%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.7290, -39.7994, -68.1683 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 187.7290, -39.7994, -68.1683 by changing the saturation by 10% instead.

187.7290,
-39.7994, -68.1683

187.7290,
-39.7994, -68.1683

255.0000, 0.0000,
0.0000

158.0600,
-38.4836, -70.2126

219.2820,
-28.2400, -42.3433

126.5860,
-36.2779, -77.6899

231.4440,
-20.4319, -26.6994

95.2540, -36.1142,
-83.5378

243.9050,
-12.7712, -10.4407

76.8970, -37.9102,
-67.4387

254.0880, -3.4944,
0.7998

61.6350, -30.3861,
-54.0539

46.3730, -22.8619,
-40.6691

32.2850, -15.9165,

-28.3139

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 187.7290,
-39.7994, -68.1683

■ 187.7290,
-39.7994, -68.1683

■ 177.8170,
-46.7448, -80.5235

■ 197.6410,
-32.8540, -55.8132

■ 167.7910,
-54.1270, -92.7787

■ 207.6670,
-25.4718, -43.5580

■ 158.1780,
-61.2198, -104.5191

■ 217.2800,
-18.3790, -31.8176

■ 148.2660,
-68.1651, -116.8743

■ 227.1920,
-11.4337, -19.4624

■ 144.1360,
-71.0590, -122.0223

■ 237.1040, -4.4883,
-7.1072

■ 247.1300, 2.8939,
5.1480

■ 247.9560, 3.4727,
6.1776

Harmonies

Analogous

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



200.3860, -76.1123, 5.8005



187.7290, -39.7994, -68.1683



168.3130, 7.7337, -147.6105

Triad

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



187.7290, -39.7994, -68.1683



165.8410, 43.9554, -145.4426



179.4520, -5.1528, 66.2556

Complementary

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



187.7290, -39.7994, -68.1683



162.2710, 39.7994, 68.1683

Split Complementary

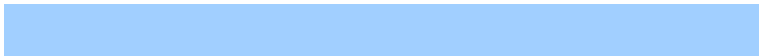
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



188.9310, 28.6280, 57.9425



187.7290, -39.7994, -68.1683



198.7180, 27.7470, -33.0787

Square

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



187.7290, -39.7994, -68.1683



174.6460, 39.6145, -153.1645



206.2790, 24.0195, 42.7283



187.2070, -43.9791, 59.4545

Rectangle

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



187.7290, -39.7994, -68.1683



175.7570, 31.1788, -154.1389



206.2790, 24.0195, 42.7283



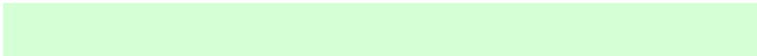
180.0680, 7.3615, 65.7154

Sweetspot

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



187.7290, -39.7994, -68.1683



237.5400, -12.5912, -21.5216



224.5610, -57.9576, 16.1710



117.5610, -7.6716, -12.7700



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.



187.7290, -39.7994, -68.1683



185.5730, -50.0755, -85.5715



194.0140, -11.8389, -76.3113



117.0440, -3.4727, -6.1776



110.3780, -54.4164, -93.2935



34.9320, -17.2215, -29.7584

Inverse Universe

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



162.2710, 39.7994, 68.1683



153.4270, 50.0755, 85.5715



155.9860, 11.8389, 76.3113



114.9560, 3.4727, 6.1776



75.6220, 54.4164, 93.2935



23.7690, 17.3689, 29.1436

Previews

White Background



This preview shows how the YUV color 187.7290, -39.7994, -68.1683 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 187.7290, -39.7994, -68.1683 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 187.7290, -39.7994, -68.1683 Background



This preview shows how black text looks on a background with the YUV color 187.7290, -39.7994, -68.1683.



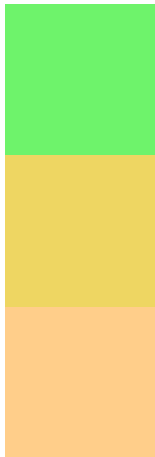
This preview shows how white text looks on a background with the YUV color 187.7290, -39.7994, -68.1683.

-68.1683.

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

187.7290, -39.7994, -68.1683

Protanopia

207.9520, -54.2063, 26.3521

Deuteranopia

212.8990, -36.9252, 36.9226



Tritanopia

204.1530, 21.1236, -55.3852

Trichromacy



Original Color

187.7290, -39.7994, -68.1683



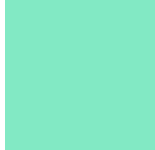
Protanomaly

200.6980, -49.1511, -8.5051



Deuteranomaly

203.4290, -37.6795, -1.2532



Tritanomaly

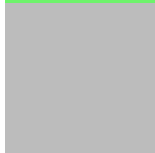
197.9850, -0.9786, -59.6228

Monochromacy



Original Color

187.7290, -39.7994, -68.1683



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.0620, -14.3276, -24.6104

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.7290, -39.7994, -68.1683 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(110, 243, 107)` looks like.

```
.text, #text, p{  
    color:rgb(110, 243, 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(110, 243, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 243, 107) }
```

Border

The CSS property to change the border of an element to YUV 187.7290, -39.7994, -68.1683 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(110, 243, 107) }
```


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

```
.border{ border-color:rgb(110, 243, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 243, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 243, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 243, 107);  
box-shadow:4px 4px 4px 4px rgb(110, 243,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 187.7290, -39.7994, -68.1683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 243, 107) }
```

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

```
.background{ background-color: rgb(110,  
243, 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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