

Converting Colors

YUV(187.8910, -35.4423,
-65.6794)

Have a look what the booklet for
YUV(187.8910, -35.4423, -65.6794)
contains.

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Color

**YUV(187.8910, -35.4423,
-65.6794)**

Conversions

Conversions Part 1

Format	Color
Hex	71F074
RGB	113, 240, 116
RGB Percent	44%, 94%, 45%
CMY	0.5569, 0.0588, 0.5451
CMYK	0.53, 0.00, 0.52, 0.06
HSL	121°, 81%, 69%
HSV	121°, 53%, 94%
XYZ	41.1225, 67.0918, 27.3056
YIQ	187.8910, -35.8880, -65.4880

Conversions

Conversions Part 2

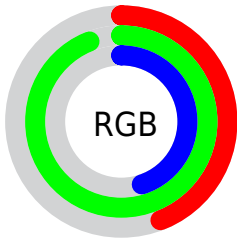
Format	Color
RYB	113, 237, 240
Decimal	7467124
CIELab	85.55, -59.55, 48.96
CIELCh	86, 77.095, 140.572
Yxy	67.0918, 0.3034, 0.4951
Android (android.graphics.Color)	4285657204 (0xFF71F074)
YUV	187.8910, -35.4423, -65.6794
Hunter-Lab	81.9096, -53.7263, 37.5716

Details

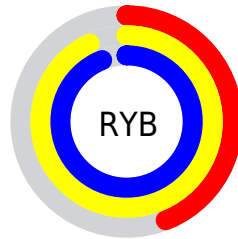
The YUV color **187.8910, -35.4423, -65.6794** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **165.1090, 35.4423, 65.6794**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.7920, -25.0405, -41.9136**, and **128.3570, -32.2210, -72.2271** is the 20% darker color. If you saturate the color by 10%, you get **178.0930, -41.9508, -78.1346**, and if you desaturate by 10%, it is **197.6890, -28.9337, -53.2243**.

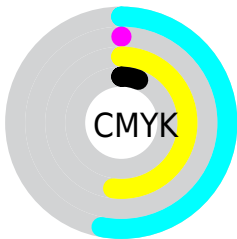
Distribution



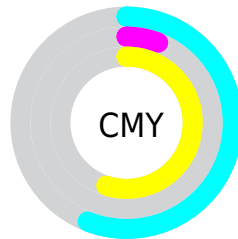
- Red (44%)
- Green (94%)
- Blue (45%)



- Red (44%)
- Yellow (93%)
- Blue (94%)



- Cyan (53%)
- Magenta (0%)
- Yellow (52%)
- Black (6%)



- Cyan (56%)
- Magenta (6%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.8910, -35.4423, -65.6794 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 187.8910, -35.4423, -65.6794 by changing the saturation by 10% instead.

■ 187.8910,
-35.4423, -65.6794

■ 187.8910,
-35.4423, -65.6794

255.0000, 0.0000,
0.0000

■ 158.6350,
-33.8371, -67.2089

■ 220.7920,
-25.0405, -41.9136

■ 128.3570,
-32.2210, -72.2271

■ 232.9540,
-17.2323, -26.2697

■ 95.0890, -29.1309,
-83.3931

■ 245.2300, -8.9874,
-10.7257

■ 75.1360, -37.0420,
-65.8943

■ 59.8740, -29.5179,
-52.5095

■ 45.1990, -22.2831,
-39.6395

■ 31.1110, -15.3377,

-27.2843

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 187.8910,
-35.4423, -65.6794

■ 187.8910,
-35.4423, -65.6794

■ 178.0930,
-41.9508, -78.1346

■ 197.6890,
-28.9337, -53.2243

■ 168.1810,
-48.8962, -90.4897

■ 207.6010,
-21.9883, -40.8691

■ 158.3830,
-55.4048, -102.9449

■ 217.3990,
-15.4797, -28.4139

■ 148.4710,
-62.3502, -115.3001

■ 227.3110, -8.5343,
-16.0587

■ 141.5640,
-66.8331, -124.1516

■ 237.1090, -2.0257,
-3.6036

■ 246.1950, 4.3409,
7.7220

Harmonies

Analogous

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



200.2530, -67.6657, 3.2861



187.8910, -35.4423, -65.6794



166.4210, 10.6384, -145.9512

Triad

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



187.8910, -35.4423, -65.6794



163.4930, 45.1130, -143.3834



182.7460, -7.7628, 63.3668

Complementary

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



187.8910, -35.4423, -65.6794



165.1090, 35.4423, 65.6794

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.



190.4810, 24.4129, 56.5832



187.8910, -35.4423, -65.6794



200.5450, 26.8463, -24.1570

Square

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



187.8910, -35.4423, -65.6794



171.7110, 41.0615, -150.5905



206.8660, 23.7301, 42.2135



189.4240, -43.1000, 57.5102

Rectangle

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



187.8910, -35.4423, -65.6794



173.2950, 31.8996, -151.9797



206.8660, 23.7301, 42.2135



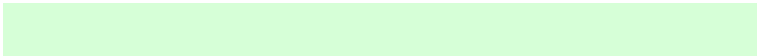
183.1340, 3.8779, 63.0265

Sweetspot

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



187.8910, -35.4423, -65.6794



238.1810, -11.4282, -21.2067



224.9240, -55.1785, 11.4677



117.7890, -6.7980, -12.9700



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.



187.8910, -35.4423, -65.6794



188.1370, -45.4235, -84.3121



195.0730, -7.9240, -71.9780



115.0440, -3.4727, -6.1776



108.4640, -51.5008, -95.1229



32.9860, -15.7691, -28.9287

Inverse Universe

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



165.1090, 35.4423, 65.6794



158.8630, 45.4235, 84.3121



157.9270, 7.9240, 71.9780



112.9560, 3.4727, 6.1776



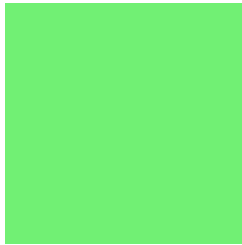
75.4220, 51.0640, 95.2229



23.0140, 15.7691, 28.9287

Previews

White Background



This preview shows how the YUV color 187.8910, -35.4423, -65.6794 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 187.8910, -35.4423, -65.6794 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

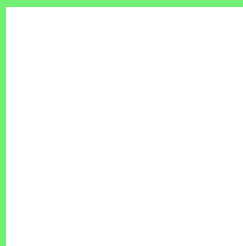
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 187.8910, -35.4423, -65.6794 Background



This preview shows how black text looks on a background with the YUV color 187.8910, -35.4423, -65.6794.



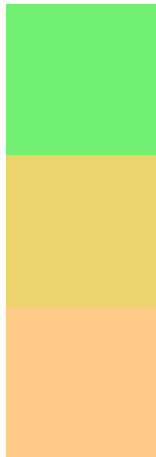
This preview shows how white text looks on a background with the YUV color 187.8910, -35.4423, -65.6794.

-65.6794.

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

187.8910, -35.4423, -65.6794

Protanopia

206.9070, -49.2542, 24.6376

Deuteranopia

210.6820, -37.8042, 38.8669



Tritanopia

202.9360, 20.2446, -53.4409

Trichromacy



Original Color

187.8910, -35.4423, -65.6794



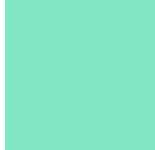
Protanomaly

199.9630, -44.3518, -7.8606



Deuteranomaly

201.9670, -36.9587, 0.9059



Tritanomaly

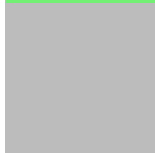
197.2240, -0.1104, -58.0784

Monochromacy



Original Color

187.8910, -35.4423, -65.6794



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.1160, -12.8752, -23.7807

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.8910, -35.4423, -65.6794 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(113, 240, 116)` looks like.

```
.text, #text, p{  
    color:rgb(113, 240, 116)  
}
```

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(113, 240, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 240, 116) }
```

Border

The CSS property to change the border of an element to YUV 187.8910, -35.4423, -65.6794 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(113, 240, 116) }
```


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

```
.border{ border-color:rgb(113, 240, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 240, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 240, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 240, 116);  
box-shadow:4px 4px 4px 4px rgb(113, 240,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 187.8910, -35.4423, -65.6794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 240, 116) }
```

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

```
.background{ background-color: rgb(113,  
240, 116) }
```

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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