

Converting Colors

YUV(188.4260, -26.8320,
-74.0416)

Have a look what the booklet for
YUV(188.4260, -26.8320, -74.0416)
contains.

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Color

**YUV(188.4260, -26.8320,
-74.0416)**

Conversions

Conversions Part 1

Format	Color
Hex	68F286
RGB	104, 242, 134
RGB Percent	41%, 95%, 53%
CMY	0.5922, 0.0510, 0.4745
CMYK	0.57, 0.00, 0.45, 0.05
HSL	133°, 84%, 68%
HSV	133°, 57%, 95%
XYZ	41.7641, 68.1685, 33.5109
YIQ	188.4260, -47.5800, -62.8440

Conversions

Conversions Part 2

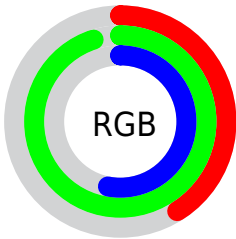
Format	Color
RYB	104, 217, 242
Decimal	6877830
CIELab	86.09, -59.92, 40.99
CIElCh	86, 72.598, 145.629
Yxy	68.1685, 0.2912, 0.4752
Android (android.graphics.Color)	4285067910 (0xFF68F286)
YUV	188.4260, -26.8320, -74.0416
Hunter-Lab	82.5642, -54.1954, 33.7305

Details

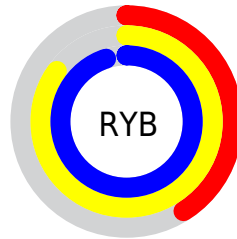
The YUV color **188.4260, -26.8320, -74.0416** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **157.5740, 26.8320, 74.0416**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.4520, -15.9988, -48.6314**, and **126.3150, -21.8473, -86.2223** is the 20% darker color. If you saturate the color by 10%, you get **179.0840, -31.5934, -86.8967**, and if you desaturate by 10%, it is **197.7680, -22.0706, -61.1865**.

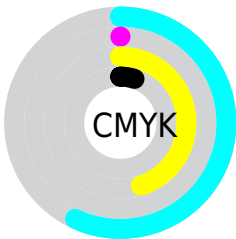
Distribution



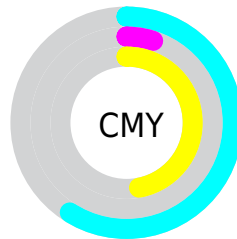
- Red (41%)
- Green (95%)
- Blue (53%)



- Red (41%)
- Yellow (85%)
- Blue (95%)



- Cyan (57%)
- Magenta (0%)
- Yellow (45%)
- Black (5%)



- Cyan (59%)
- Magenta (5%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.4260, -26.8320, -74.0416 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 188.4260, -26.8320, -74.0416 by changing the saturation by 10% instead.

■ 188.4260,
-26.8320, -74.0416

■ 188.4260,
-26.8320, -74.0416

255.0000, 0.0000,
0.0000

■ 158.5720,
-24.9320, -76.8006

■ 220.4520,
-15.9988, -48.6314

■ 126.3150,
-21.8473, -86.2223

■ 232.7280, -7.7539,
-33.0875

■ 98.6570, -20.5369,
-86.5222

■ 245.0040, 0.4910,
-17.5435

■ 79.8440, -24.0801,
-70.0232

■ 61.1620, -29.6599,
-53.6391

■ 45.7860, -22.5725,
-40.1543

■ 31.6980, -15.6271,

-27.7991

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 188.4260,
-26.8320, -74.0416

■ 188.4260,
-26.8320, -74.0416

■ 179.0840,
-31.5934, -86.8967

■ 197.7680,
-22.0706, -61.1865

■ 169.7420,
-36.3548, -99.7517


■ 207.1100,
-17.3092, -48.3315

■ 160.1010,
-40.9688, -113.2216


■ 216.7510,
-12.6952, -34.8616

■ 150.7590,
-45.7302, -126.0766

■ 226.0930, -7.9338,
-22.0066

 148.0960,
-46.8823, -129.8802

 235.4350, -3.1725,
-9.1515

 244.7770, 1.5889,
3.7036

 247.3690, 3.7621,
6.6924

Harmonies

Analogous

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



201.7770, -59.0501, -6.8204



188.4260, -26.8320, -74.0416



168.7180, 16.9010, -147.9657

Triad

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



188.4260, -26.8320, -74.0416



161.7320, 45.9811, -141.8390



187.2310, -13.4249, 59.4334

Complementary

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



188.4260, -26.8320, -74.0416



157.5740, 26.8320, 74.0416

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.



192.6350, 17.4349, 54.6941



188.4260, -26.8320, -74.0416



206.8570, 23.7345, -6.0136

Square

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



188.4260, -26.8320, -74.0416



171.1240, 41.3509, -150.0757



206.8660, 23.7301, 42.2135



194.7070, -45.7046, 52.8770

Rectangle

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



188.4260, -26.8320, -74.0416



174.6630, 37.1411, -153.1795



206.8660, 23.7301, 42.2135



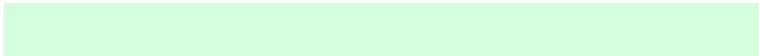
187.3910, -2.6578, 59.2931

Sweetspot

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



188.4260, -26.8320, -74.0416



238.2670, -8.5126, -23.0362



217.2980, -55.8559, -4.6463



117.9460, -4.9034, -13.9846



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.



188.4260, -26.8320, -74.0416



187.7690, -33.9031, -92.7594



196.2920, 3.3070, -80.9401



115.2720, -2.5991, -6.3775



112.5680, -35.7760, -98.7221



34.2400, -10.9643, -30.0285

Inverse Universe

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



157.5740, 26.8320, 74.0416



149.1170, 33.4663, 92.8594



149.7080, -3.3070, 80.9401



112.6140, 2.1623, 6.4775



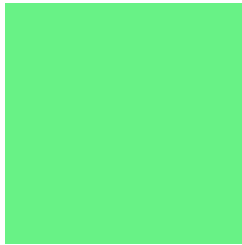
71.4320, 35.7760, 98.7221



21.7600, 10.9643, 30.0285

Previews

White Background



This preview shows how the YUV color 188.4260, -26.8320, -74.0416 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 188.4260, -26.8320, -74.0416 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

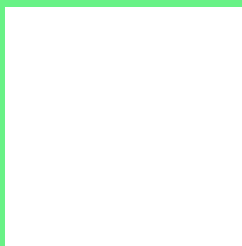
Any Text WCAG AAA ✓ Pass

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

YUV 188.4260, -26.8320, -74.0416 Background



This preview shows how black text looks on a background with the YUV color 188.4260, -26.8320, -74.0416.



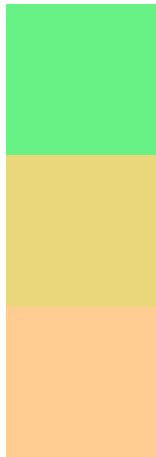
This preview shows how white text looks on a background with the YUV color 188.4260, -26.8320, -74.0416.

-74.0416.

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

188.4260, -26.8320, -74.0416

Protanopia

209.6060, -42.6968, 21.3935

Deuteranopia

213.1100, -33.5782, 36.7375



Tritanopia

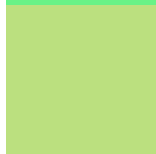
202.6470, 21.8660, -60.2034

Trichromacy



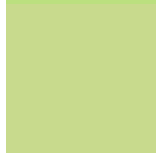
Original Color

188.4260, -26.8320, -74.0416



Protanomaly

201.8790, -36.9153, -13.0489



Deuteranomaly

203.8400, -30.9801, -3.3677



Tritanomaly

197.6190, 4.1318, -65.4409

Monochromacy



Original Color

188.4260, -26.8320, -74.0416



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.1910, -9.9542, -27.3545

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.4260, -26.8320, -74.0416 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(104, 242, 134)` looks like.

```
.text, #text, p{  
    color:rgb(104, 242, 134)  
}
```

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(104, 242, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 242, 134) }
```

Border

The CSS property to change the border of an element to YUV 188.4260, -26.8320, -74.0416 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(104, 242, 134) }
```


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

```
.border{ border-color:rgb(104, 242, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 242, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(104, 242, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(104, 242, 134); box-shadow:4px 4px 4px 4px rgb(104, 242, 134) }
```

Background

The CSS property to change the background color of an element to YUV 188.4260, -26.8320, -74.0416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 242, 134) }
```

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

```
.background{ background-color: rgb(104,  
242, 134) }
```

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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