

Converting Colors

YUV(166.8720, -26.5589,
-68.2937)

Have a look what the booklet for
YUV(166.8720, -26.5589, -68.2937)
contains.

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Color

**YUV(166.8720, -26.5589,
-68.2937)**

Conversions

Conversions Part 1

Format	Color
Hex	59D971
RGB	89, 217, 113
RGB Percent	35%, 85%, 44%
CMY	0.6510, 0.1490, 0.5569
CMYK	0.59, 0.00, 0.48, 0.15
HSL	131°, 63%, 60%
HSV	131°, 59%, 85%
XYZ	31.9133, 52.9418, 24.1596
YIQ	166.8720, -42.9040, -59.4800

Conversions

Conversions Part 2

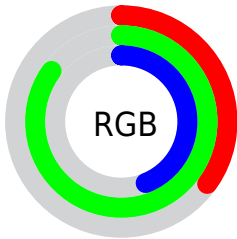
Format	Color
RYB	89, 197, 217
Decimal	5888369
CIELab	77.84, -56.96, 40.71
CIELCh	78, 70.018, 144.446
Yxy	52.9418, 0.2927, 0.4856
Android (android.graphics.Color)	4284078449 (0xFF59D971)
YUV	166.8720, -26.5589, -68.2937
Hunter-Lab	72.7611, -49.0412, 31.2462

Details

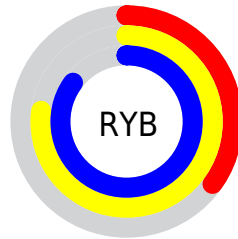
The YUV color **166.8720, -26.5589, -68.2937** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **139.1280, 26.5589, 68.2937**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1600, -23.2499, -56.2683**, and **101.5750, -19.5105, -89.0813** is the 20% darker color. If you saturate the color by 10%, you get **158.2420, -31.1783, -80.0192**, and if you desaturate by 10%, it is **175.5020, -21.9395, -56.5683**.

Distribution



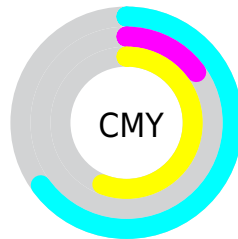
- Red (35%)
- Green (85%)
- Blue (44%)



- Red (35%)
- Yellow (77%)
- Blue (85%)



- Cyan (59%)
- Magenta (0%)
- Yellow (48%)
- Black (15%)



- Cyan (65%)
- Magenta (15%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.8720, -26.5589, -68.2937 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 166.8720, -26.5589, -68.2937 by changing the saturation by 10% instead.

■ 166.8720,
-26.5589, -68.2937

■ 166.8720,
-26.5589, -68.2937

■ 255.0000, 0.0000,
0.0000

■ 137.3060,
-24.8009, -72.1824

■ 213.1600,
-23.2499, -56.2683

■ 101.5750,
-19.5105, -89.0813

■ 225.3220,
-15.4417, -40.6244

■ 82.8760, -22.6169,
-72.6823

■ 237.4840, -7.6336,
-24.9805

■ 64.1940, -28.1966,
-56.2981

■ 249.7600, 0.6113,
-9.4365

■ 48.1340, -23.7301,
-42.2135

■ 34.0460, -16.7847,
-29.8583

■ 19.9580, -9.8393,

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 166.8720,
-26.5589, -68.2937

■ 166.8720,
-26.5589, -68.2937

■ 158.2420,
-31.1783, -80.0192

■ 175.5020,
-21.9395, -56.5683

■ 150.0250,
-35.5083, -91.2299

■ 183.7190,
-17.6095, -45.3576

■ 141.3950,
-40.1277, -102.9554

■ 192.3490,
-12.9901, -33.6321

■ 132.7650,
-44.7471, -114.6809

■ 200.9790, -8.3706,
-21.9066

■ 132.0530,
-44.8891, -115.8105

■ 209.4950, -4.1880,
-10.0811

■ 217.8260, 0.5788,
1.0296

■ 226.3420, 4.7614,
12.8551

■ 232.5800, 10.5601,
19.6623

■ 232.6940, 10.9969,
19.5624

Harmonies

Analogous

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



179.8420, -57.6031, -4.2464



166.8720, -26.5589, -68.2937



151.1930, 13.2159, -132.5963

Triad

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



166.8720, -26.5589, -68.2937



148.2310, 52.6371, -129.9986



172.8520, -15.2100, 72.0438

Complementary

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



166.8720, -26.5589, -68.2937



139.1280, 26.5589, 68.2937

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.



177.9140, 14.3394, 67.6044



166.8720, -26.5589, -68.2937



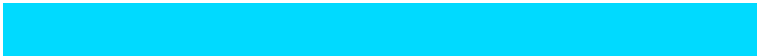
186.1580, 33.9391, -12.4166

Square

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



166.8720, -26.5589, -68.2937



157.0360, 48.2963, -137.7206



194.5390, 29.8073, 53.0243



180.0830, -45.8899, 65.7022

Rectangle

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



166.8720, -26.5589, -68.2937



156.9100, 32.5824, -137.6101



194.5390, 29.8073, 53.0243



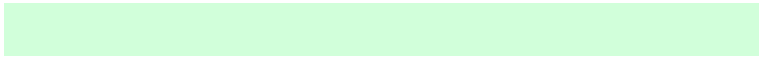
173.0120, -4.4429, 71.9035

Sweetspot

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



166.8720, -26.5589, -68.2937



237.0280, -9.3808, -24.5806



195.5310, -52.5198, -1.3427



116.7070, -5.7716, -15.5290



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.



166.8720, -26.5589, -68.2937



184.1230, -37.5286, -96.5779



174.0540, 0.9594, -74.5924



105.6850, -2.3097, -5.8627



105.3130, -35.6503, -92.3595



28.0280, -9.3808, -24.5806

Inverse Universe

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



139.1280, 26.5589, 68.2937



144.8770, 37.5286, 96.5779



131.9460, -0.9594, 74.5924



103.3150, 2.3097, 5.8627



67.8010, 36.0871, 92.2595



17.9720, 9.3808, 24.5806

Previews

White Background



This preview shows how the YUV color 166.8720, -26.5589, -68.2937 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 166.8720, -26.5589, -68.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

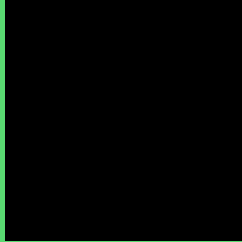
Any Text WCAG AA ✓ Pass

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 166.8720, -26.5589, -68.2937 Background



This preview shows how black text looks on a background with the YUV color 166.8720, -26.5589, -68.2937.



This preview shows how white text looks on a background with the YUV color 166.8720, -26.5589, -68.2937.

-68.2937.

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

166.8720, -26.5589, -68.2937

Protanopia

186.7630, -40.8022, 20.3788

Deuteranopia

189.5120, -33.2834, 35.5080



Tritanopia

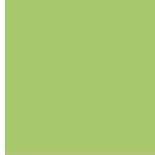
180.8110, 19.8132, -55.0852

Trichromacy



Original Color

166.8720, -26.5589, -68.2937



Protanomaly

179.2320, -35.6104, -11.6045



Deuteranomaly

181.5520, -30.8381, -2.2381



Tritanomaly

175.4240, 3.2420, -60.0078

Monochromacy



Original Color

166.8720, -26.5589, -68.2937



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

166.9140, -9.8176, -24.4806

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.8720, -26.5589, -68.2937 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(89, 217, 113)` looks like.

```
.text, #text, p{  
    color:rgb(89, 217, 113)  
}
```

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(89, 217, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 217, 113) }
```

Border

The CSS property to change the border of an element to YUV 166.8720, -26.5589, -68.2937 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(89, 217, 113) }
```


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

```
.border{ border-color:rgb(89, 217, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 217, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 217, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 217, 113);  
box-shadow:4px 4px 4px 4px rgb(89, 217,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 166.8720, -26.5589, -68.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 217, 113) }
```

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

```
.background{ background-color: rgb(89, 217,  
113) }
```

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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