

Converting Colors

YUV(166.2120, -28.6985,
-35.2659)

Have a look what the booklet for
YUV(166.2120, -28.6985, -35.2659)
contains.

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Color

**YUV(166.2120, -28.6985,
-35.2659)**

Conversions

Conversions Part 1

Format	Color
Hex	7EC66C
RGB	126, 198, 108
RGB Percent	49%, 78%, 42%
CMY	0.5059, 0.2235, 0.5765
CMYK	0.36, 0.00, 0.45, 0.22
HSL	108°, 44%, 60%
HSV	108°, 45%, 78%
XYZ	31.5050, 45.9065, 21.3877
YIQ	166.2120, -14.0220, -43.2540

Conversions

Conversions Part 2

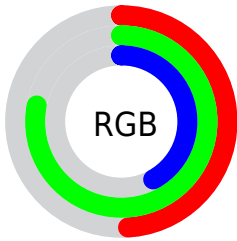
Format	Color
RYB	108, 198, 180
Decimal	8308332
CIELab	73.48, -39.68, 38.02
CIELCh	73, 54.956, 136.219
Yxy	45.9065, 0.3189, 0.4646
Android (android.graphics.Color)	4286498412 (0xFF7EC66C)
YUV	166.2120, -28.6985, -35.2659
Hunter-Lab	67.7543, -35.5695, 28.7122

Details

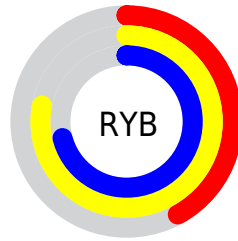
The YUV color **166.2120, -28.6985, -35.2659** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **139.7880, 28.6985, 35.2659**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.4570, -30.2983, -35.4808**, and **112.6680, -26.9513, -35.6658** is the 20% darker color. If you saturate the color by 10%, you get **159.1480, -35.0760, -43.1028**, and if you desaturate by 10%, it is **173.2760, -22.3211, -27.4291**.

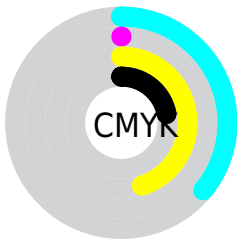
Distribution



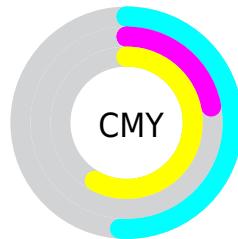
- Red (49%)
- Green (78%)
- Blue (42%)



- Red (42%)
- Yellow (78%)
- Blue (71%)



- Cyan (36%)
- Magenta (0%)
- Yellow (45%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.2120, -28.6985, -35.2659 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 166.2120, -28.6985, -35.2659 by changing the saturation by 10% instead.

■ 166.2120,
-28.6985, -35.2659

■ 166.2120,
-28.6985, -35.2659

255.0000, 0.0000,
0.0000

■ 138.8530,
-27.5355, -34.9511

■ 222.4570,
-30.2983, -35.4808

■ 112.6680,
-26.9513, -35.6658

■ 233.9070,
-22.6322, -20.9664

■ 85.5970, -25.9303,
-36.4806

■ 245.7700,
-14.6766, -5.9373

■ 56.9660, -25.6192,
-42.9432

■ 253.8600, -4.3680,
0.9998

■ 39.9160, -19.6786,
-35.0063

■ 26.4150, -13.0226,
-23.1660

■ 11.7400, -5.7878,

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 166.2120,
-28.6985, -35.2659

■ 166.2120,
-28.6985, -35.2659

■ 159.1480,
-35.0760, -43.1028

■ 173.2760,
-22.3211, -27.4291

■ 152.0840,
-41.4534, -50.9397

■ 180.3400,
-15.9436, -19.5922

■ 145.1340,
-47.3941, -58.8765


■ 187.2900,
-10.0030, -11.6553


■ 138.3690,
-53.9189, -66.0986

■ 194.0550, -3.4781,
-4.4332

■ 131.3050,
-60.2964, -73.9355


■ 201.1190, 2.8993,
3.4036

 128.1860,
-63.1957, -77.3391

 208.1830, 9.2768,
11.2405

 215.2470, 15.6542,
19.0774

 220.9430, 16.7901,
28.1140

 221.5410, 16.4953,
29.3435

Harmonies

Analogous

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



172.9050, -46.2952, 8.8533



166.2120, -28.6985, -35.2659



143.9960, 5.4250, -106.9905

Triad

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



166.2120, -28.6985, -35.2659



142.3610, 55.5310, -124.8506



174.9210, -9.8211, 70.2293

Complementary

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



166.2120, -28.6985, -35.2659



139.7880, 28.6985, 35.2659

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.



181.9090, 11.8769, 64.1008



166.2120, -28.6985, -35.2659



175.7370, 39.0767, -26.9563

Square

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



166.2120, -28.6985, -35.2659



147.3020, 51.6161, -129.1839



185.6670, 32.2092, 29.2330



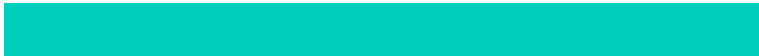
177.4220, -33.2390, 68.0359

Rectangle

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



166.2120, -28.6985, -35.2659



142.5820, 23.3771, -125.0444



185.6670, 32.2092, 29.2330



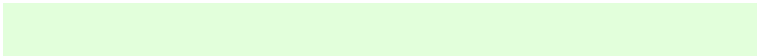
176.2720, -2.1061, 69.0445

Sweetspot

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



166.2120, -28.6985, -35.2659



242.2250, -11.4499, -14.2293



177.1740, -34.1028, 18.2644



120.1100, -6.9562, -8.8665



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.



166.2120, -28.6985, -35.2659



205.5520, -44.6421, -54.8581



163.9080, -14.2516, -49.0313



95.5820, -2.7519, -4.0184



105.5480, -52.0352, -63.6246



23.2250, -11.4499, -14.2293

Inverse Universe

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



139.7880, 28.6985, 35.2659



164.4480, 44.6421, 54.8581



142.0920, 14.2516, 49.0313



93.1190, 2.8993, 3.4036



57.7510, 51.8878, 64.2394



12.7750, 11.4499, 14.2293

Previews

White Background



This preview shows how the YUV color 166.2120, -28.6985, -35.2659 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 166.2120, -28.6985, -35.2659 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 166.2120, -28.6985, -35.2659 Background



This preview shows how black text looks on a background with the YUV color 166.2120, -28.6985, -35.2659.



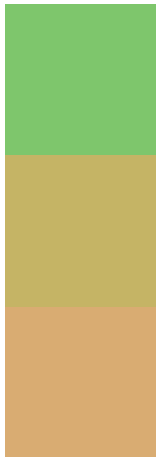
This preview shows how white text looks on a background with the YUV color 166.2120, -28.6985, -35.2659.

-35.2659.

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

166.2120, -28.6985, -35.2659

Protanopia

176.0770, -37.0130, 18.3495

Deuteranopia

178.8430, -31.9676, 33.4637



Tritanopia

175.5540, 13.0379, -28.5499

Trichromacy



Original Color

166.2120, -28.6985, -35.2659

Protanomaly

172.7540, -33.8957, -1.5383

Deuteranomaly

174.0310, -30.5813, 8.7428

Tritanomaly

172.2320, -2.0864, -30.8985

Monochromacy



Original Color

166.2120, -28.6985, -35.2659

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.1650, -10.4343, -13.2997

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2120, -28.6985, -35.2659 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(126, 198, 108)` looks like.

```
.text, #text, p{  
    color:rgb(126, 198, 108)  
}
```

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(126, 198, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 198, 108) }
```

Border

The CSS property to change the border of an element to YUV 166.2120, -28.6985, -35.2659 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(126, 198, 108) }
```


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

```
.border{ border-color:rgb(126, 198, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 198, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 198, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 198, 108);  
box-shadow:4px 4px 4px 4px rgb(126, 198,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 166.2120, -28.6985, -35.2659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 198, 108) }
```

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

```
.background{ background-color: rgb(126,  
198, 108) }
```

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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