

Converting Colors

YUV(171.6360, -35.3165,
-59.3168)

Have a look what the booklet for
YUV(171.6360, -35.3165, -59.3168)
contains.

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Color

**YUV(171.6360, -35.3165,
-59.3168)**

Conversions

Conversions Part 1

Format	Color
Hex	68DC64
RGB	104, 220, 100
RGB Percent	41%, 86%, 39%
CMY	0.5922, 0.1373, 0.6078
CMYK	0.53, 0.00, 0.55, 0.14
HSL	118°, 63%, 63%
HSV	118°, 55%, 86%
XYZ	33.6024, 55.0496, 20.9112
YIQ	171.6360, -30.6160, -61.9120

Conversions

Conversions Part 2

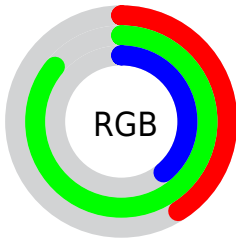
Format	Color
RYB	100, 220, 216
Decimal	6872164
CIELab	79.07, -56.24, 48.52
CIElCh	79, 74.277, 139.211
Yxy	55.0496, 0.3067, 0.5024
Android (android.graphics.Color)	4285062244 (0xFF68DC64)
YUV	171.6360, -35.3165, -59.3168
Hunter-Lab	74.1954, -49.0010, 35.2265

Details

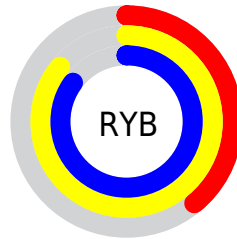
The YUV color **171.6360, -35.3165, -59.3168** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **148.3640, 35.3165, 59.3168**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.9780, -30.5552, -46.4617**, and **112.8030, -31.9479, -66.4792** is the 20% darker color. If you saturate the color by 10%, you get **162.8490, -41.8306, -70.0276**, and if you desaturate by 10%, it is **180.4230, -28.8025, -48.6060**.

Distribution



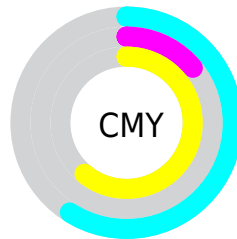
- Red (41%)
- Green (86%)
- Blue (39%)



- Red (39%)
- Yellow (86%)
- Blue (85%)



- Cyan (53%)
- Magenta (0%)
- Yellow (55%)
- Black (14%)



- Cyan (59%)
- Magenta (14%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.6360, -35.3165, -59.3168 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 171.6360, -35.3165, -59.3168 by changing the saturation by 10% instead.

■ 171.6360,
-35.3165, -59.3168

■ 171.6360,
-35.3165, -59.3168

255.0000, 0.0000,
0.0000

■ 142.9670,
-34.0007, -61.3611

■ 215.9780,
-30.5552, -46.4617

■ 112.8030,
-31.9479, -66.4792

■ 228.0260,
-23.1838, -30.7178

■ 82.4710, -31.7842,
-72.3271

■ 239.8890,
-15.2283, -15.6887

■ 65.1570, -32.1224,
-57.1427

■ 252.4640, -7.1308,
0.4701

■ 49.8950, -24.5982,
-43.7579

■ 35.2200, -17.3635,
-30.8879

■ 21.7190, -10.7075,

-19.0476

■ 0.0000, 0.0000,
0.0000

■ 171.6360,
-35.3165, -59.3168

■ 171.6360,
-35.3165, -59.3168

■ 162.8490,
-41.8306, -70.0276

■ 180.4230,
-28.8025, -48.6060

■ 153.7630,
-48.1972, -81.3532

■ 189.5090,
-22.4359, -37.2804

■ 144.9760,
-54.7112, -92.0640

■ 198.2960,
-15.9219, -26.5696

■ 136.1890,
-61.2252, -102.7748

■ 207.0830, -9.4079,
-15.8588

■ 131.2330,
-64.6979, -108.9523

■ 215.8700, -2.8939,
-5.1480

■ 224.9560, 3.4727,
6.1776

■ 233.7430, 9.9867,
16.8884

■ 234.4550, 10.1287,
18.0180

Harmonies

Analogous

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



183.0190, -66.0714, 5.2453



171.6360, -35.3165, -59.3168



152.4010, 7.6903, -133.6557

Triad

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



171.6360, -35.3165, -59.3168



152.9270, 50.3220, -134.1170



171.8720, -8.8109, 72.9033

Complementary

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



171.6360, -35.3165, -59.3168



148.3640, 35.3165, 59.3168

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.



179.8520, 21.7650, 65.9048



171.6360, -35.3165, -59.3168



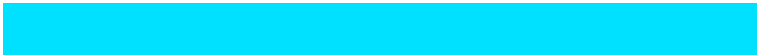
183.9770, 35.0143, -30.6748

Square

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



171.6360, -35.3165, -59.3168



160.5580, 46.5599, -140.8094



198.0610, 28.0709, 49.9355



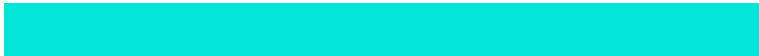
178.3050, -42.5484, 67.2615

Rectangle

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



171.6360, -35.3165, -59.3168



159.0470, 28.0778, -139.4842



198.0610, 28.0709, 49.9355



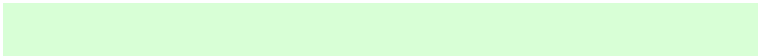
172.7330, 2.1036, 72.1482

Sweetspot

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



171.6360, -35.3165, -59.3168



238.6650, -12.1598, -19.8772



203.9720, -51.2582, 14.0566



117.9740, -7.3822, -12.2552



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.



171.6360, -35.3165, -59.3168



188.2360, -48.9233, -81.7680



176.8240, -10.2662, -67.3746



105.4570, -3.1833, -5.6628



103.3450, -50.9491, -85.3716



27.6000, -13.6068, -22.4512

Inverse Universe

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



148.3640, 35.3165, 59.3168



155.7640, 48.9233, 81.7680



143.1760, 10.2662, 67.3746



103.2440, 3.3307, 5.0480



69.9540, 50.8017, 85.9863



18.4000, 13.6068, 22.4512

Previews

White Background



This preview shows how the YUV color 171.6360, -35.3165, -59.3168 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 171.6360, -35.3165, -59.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

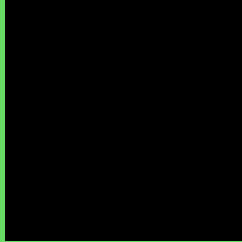
Any Text WCAG AA ✓ Pass

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 171.6360, -35.3165, -59.3168 Background



This preview shows how black text looks on a background with the YUV color 171.6360, -35.3165, -59.3168.



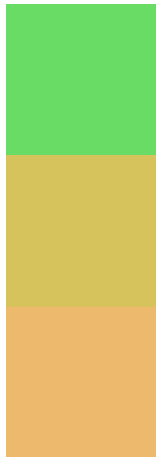
This preview shows how white text looks on a background with the YUV color 171.6360, -35.3165, -59.3168.

-59.3168.

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

171.6360, -35.3165, -59.3168

Protanopia

189.2380, -47.9383, 22.5933

Deuteranopia

191.8840, -40.8618, 39.5667



Tritanopia

186.2140, 18.6285, -48.4227

Trichromacy



Original Color

171.6360, -35.3165, -59.3168



Protanomaly

182.9030, -43.3362, -6.9309



Deuteranomaly

184.8210, -38.8588, 3.6650



Tritanomaly

181.0290, -1.0003, -52.6454

Monochromacy



Original Color

171.6360, -35.3165, -59.3168



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.5400, -12.5912, -21.5216

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.6360, -35.3165, -59.3168 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, 220, 100)` looks like.

```
.text, #text, p{  
    color:rgb(104, 220, 100)  
}
```

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, 220, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 220, 100) }
```

Border

The CSS property to change the border of an element to YUV 171.6360, -35.3165, -59.3168 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, 220, 100) }
```


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

```
.border{ border-color:rgb(104, 220, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 220, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 220, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 220, 100);  
box-shadow:4px 4px 4px 4px rgb(104, 220,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 171.6360, -35.3165, -59.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 220, 100) }
```

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

```
.background{ background-color: rgb(104,  
220, 100) }
```

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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