

Converting Colors

YUV(142.5220, -35.7533,
-59.2168)

Have a look what the booklet for
YUV(142.5220, -35.7533, -59.2168)
contains.

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Color

**YUV(142.5220, -35.7533,
-59.2168)**

Conversions

Conversions Part 1

Format	Color
Hex	4BBF46
RGB	75, 191, 70
RGB Percent	29%, 75%, 27%
CMY	0.7059, 0.2510, 0.7255
CMYK	0.61, 0.00, 0.63, 0.25
HSL	118°, 49%, 51%
HSV	118°, 63%, 75%
XYZ	22.6379, 39.1997, 12.1675
YIQ	142.5220, -30.2950, -62.2230

Conversions

Conversions Part 2

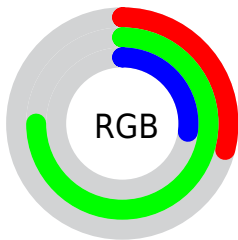
Format	Color
RYB	70, 191, 186
Decimal	4964166
CIELab	68.90, -56.00, 50.04
CIElCh	69, 75.095, 138.215
Yxy	39.1997, 0.3059, 0.5297
Android (android.graphics.Color)	4283154246 (0xFF4BBF46)
YUV	142.5220, -35.7533, -59.2168
Hunter-Lab	62.6096, -45.0261, 32.3044

Details

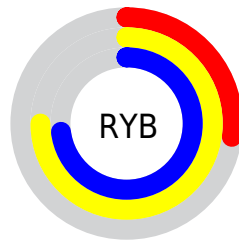
The YUV color **142.5220, -35.7533, -59.2168** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **118.4780, 35.7533, 59.2168**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.9630, -37.9428, -56.9726**, and **80.9720, -34.9892, -71.0124** is the 20% darker color. If you saturate the color by 10%, you get **134.9740, -41.3992, -68.3832**, and if you desaturate by 10%, it is **150.0700, -30.1075, -50.0504**.

Distribution



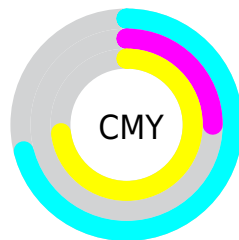
- Red (29%)
- Green (75%)
- Blue (27%)



- Red (27%)
- Yellow (75%)
- Blue (73%)



- Cyan (61%)
- Magenta (0%)
- Yellow (63%)
- Black (25%)



- Cyan (71%)
- Magenta (25%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.5220, -35.7533, -59.2168 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 142.5220, -35.7533, -59.2168 by changing the saturation by 10% instead.

■ 142.5220,
-35.7533, -59.2168

■ 142.5220,
-35.7533, -59.2168

■ 255.0000, 0.0000,
0.0000

■ 112.5430,
-34.2847, -63.6202

■ 199.9630,
-37.9428, -56.9726

■ 80.9720, -34.9892,
-71.0124

■ 216.1200,
-32.5972, -44.8322

■ 64.5700, -31.8330,
-56.6279

■ 227.9830,
-24.6416, -29.8031

■ 49.3080, -24.3088,
-43.2431

■ 240.1450,
-16.8335, -14.1592

■ 35.2200, -17.3635,
-30.8879

■ 252.4210, -8.5886,
1.3848

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,

0.0000

■ 142.5220,
-35.7533, -59.2168

■ 142.5220,
-35.7533, -59.2168

■ 134.9740,
-41.3992, -68.3832

■ 150.0700,
-30.1075, -50.0504

■ 127.1270,
-46.8976, -78.1644

■ 157.9170,
-24.6091, -40.2692

■ 119.5790,
-52.5434, -87.3308

■ 165.4650,
-18.9632, -31.1028

■ 114.5090,
-56.4529, -93.4084

■ 173.0130,
-13.3174, -21.9364

■ 180.9740, -7.3822,
-12.2552

■ 188.5220, -1.7363,
-3.0888

■ 196.0700, 3.9095,
6.0776

■ 203.6180, 9.5553,
15.2440

■ 211.4650, 15.0538,
25.0252

Harmonies

Analogous

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



152.0380, -74.9547, 7.8597



142.5220, -35.7533, -59.2168



131.9580, 2.9787, -115.7272

Triad

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



142.5220, -35.7533, -59.2168



137.0780, 58.1355, -120.2174



150.3520, -10.0335, 91.7763

Complementary

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



142.5220, -35.7533, -59.2168



118.4780, 35.7533, 59.2168

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.



158.6910, 19.3793, 84.4630



142.5220, -35.7533, -59.2168



156.1680, 48.7242, -41.3663

Square

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



142.5220, -35.7533, -59.2168



144.1220, 54.6629, -126.3950



171.7580, 41.0383, 44.0622



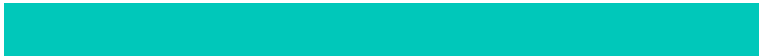
157.8450, -44.7866, 85.2049

Rectangle

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



142.5220, -35.7533, -59.2168



138.6040, 23.3662, -121.5557



171.7580, 41.0383, 44.0622



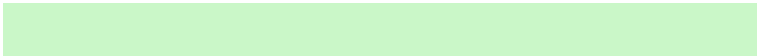
150.5120, 0.7336, 91.6360

Sweetspot

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



142.5220, -35.7533, -59.2168



228.1870, -13.8962, -22.9660



173.6840, -51.1162, 15.1861



113.3220, -8.5397, -14.3144



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



142.5220, -35.7533, -59.2168



171.7480, -55.5848, -91.8640



147.1830, -11.4292, -67.6895



90.2830, -2.6045, -4.6332



94.8390, -46.7556, -77.0348



18.4960, -9.1185, -15.3440

Inverse Universe

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



118.4780, 35.7533, 59.2168



134.5510, 55.4374, 92.4788



113.8170, 11.4292, 67.6895



88.7170, 2.6045, 4.6332



63.4600, 46.6082, 77.6496



12.2050, 9.2659, 14.7292

Previews

White Background



This preview shows how the YUV color 142.5220, -35.7533, -59.2168 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 142.5220, -35.7533, -59.2168 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 142.5220, -35.7533, -59.2168 Background



This preview shows how black text looks on a background with the YUV color 142.5220, -35.7533, -59.2168.



This preview shows how white text looks on a background with the YUV color 142.5220, -35.7533, -59.2168.

-59.2168.

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

142.5220, -35.7533, -59.2168

Protanopia

160.8250, -48.2277, 22.0785

Deuteranopia

164.0470, -41.4352, 36.7928



Tritanopia

158.1710, 17.1707, -47.5080

Trichromacy



Original Color

142.5220, -35.7533, -59.2168



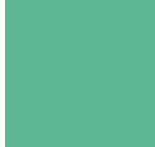
Protanomaly

154.4900, -43.6256, -7.4457



Deuteranomaly

156.2830, -39.5795, 1.5058



Tritanomaly

152.1000, -2.0213, -51.8307

Monochromacy



Original Color

142.5220, -35.7533, -59.2168



Achromatopsia

143.0000, 0.0000, 0.0000



Achromatomaly

142.4260, -13.0280, -21.4216

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.5220, -35.7533, -59.2168 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(75, 191, 70)` looks like.

```
.text, #text, p{  
    color:rgb(75, 191, 70)  
}
```

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(75, 191, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 191, 70) }
```

Border

The CSS property to change the border of an element to YUV 142.5220, -35.7533, -59.2168 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(75, 191, 70) }
```


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

```
.border{ border-color:rgb(75, 191, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 191, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 191, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 191, 70);  
box-shadow:4px 4px 4px 4px rgb(75, 191,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 142.5220, -35.7533, -59.2168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 191, 70) }
```

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

```
.background{ background-color: rgb(75, 191,  
70) }
```

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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