

Converting Colors

YUV(145.9210, -27.5691,
-70.9677)

Have a look what the booklet for
YUV(145.9210, -27.5691, -70.9677)
contains.

YUV(145.9210, -27.5691, -70.9677)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(145.9210, -27.5691,
-70.9677)**

Conversions

Conversions Part 1

Format	Color
Hex	41C65A
RGB	65, 198, 90
RGB Percent	25%, 78%, 35%
CMY	0.7451, 0.2235, 0.6471
CMYK	0.67, 0.00, 0.55, 0.22
HSL	131°, 54%, 52%
HSV	131°, 67%, 78%
XYZ	24.2195, 42.2502, 16.5515
YIQ	145.9210, -44.6000, -61.7840

Conversions

Conversions Part 2

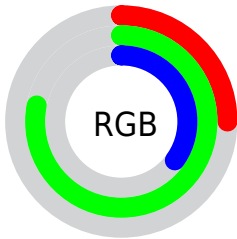
Format	Color
RYB	65, 177, 198
Decimal	4310618
CIELab	71.04, -58.20, 43.34
CIElCh	71, 72.558, 143.327
Yxy	42.2502, 0.2917, 0.5089
Android (android.graphics.Color)	4282500698 (0xFF41C65A)
YUV	145.9210, -27.5691, -70.9677
Hunter-Lab	65.0001, -47.2398, 30.4026

Details

The YUV color **145.9210, -27.5691, -70.9677** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **117.0790, 27.5691, 70.9677**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.2590, -30.2007, -66.8791**, and **88.3870, -24.3478, -77.5154** is the 20% darker color. If you saturate the color by 10%, you get **138.1170, -31.6097, -81.6636**, and if you desaturate by 10%, it is **153.7250, -23.5284, -60.2718**.

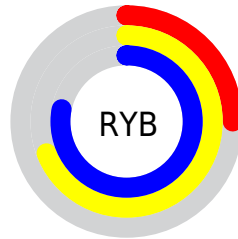
Distribution



Red (25%)

Green (78%)

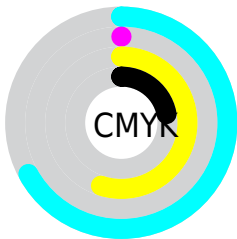
Blue (35%)



Red (25%)

Yellow (69%)

Blue (78%)

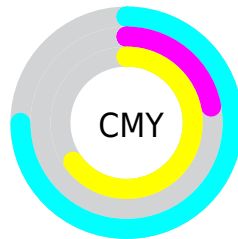


Cyan (67%)

Magenta (0%)

Yellow (55%)

Black (22%)



Cyan (75%)

Magenta (22%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.9210, -27.5691, -70.9677 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 145.9210, -27.5691, -70.9677 by changing the saturation by 10% instead.

■ 145.9210,
-27.5691, -70.9677

■ 145.9210,
-27.5691, -70.9677

■ 255.0000, 0.0000,
0.0000

■ 113.4790,
-23.9001, -81.1041

■ 204.2590,
-30.2007, -66.8791

■ 88.3870, -24.3478,
-77.5154

■ 216.3070,
-22.8294, -51.1352

■ 69.0040, -30.0750,
-60.5165

■ 228.4690,
-15.0212, -35.4913

■ 52.8300, -26.0452,
-46.3319

■ 240.6310, -7.2131,
-19.8474

■ 38.1550, -18.8104,
-33.4619

■ 252.9070, 1.0318,
-4.3034

■ 25.2410, -12.4438,
-22.1364

■ 4.1090, -2.0257,

-3.6036

■ 0.0000, 0.0000,
0.0000

■ 145.9210,
-27.5691, -70.9677

■ 145.9210,
-27.5691, -70.9677

■ 138.1170,
-31.6097, -81.6636

■ 153.7250,
-23.5284, -60.2718

■ 130.3130,
-35.6503, -92.3595

■ 161.5290,
-19.4878, -49.5759

■ 122.8080,
-39.8383, -102.4406

■ 169.0340,
-15.2998, -39.4948

■ 120.4440,
-41.1379, -105.6294

■ 176.8380,
-11.2591, -28.7989

■ 184.6420, -7.2185,
-18.1030

■ 192.4460, -3.1779,
-7.4071

■ 200.3640, 1.2995,
3.1888

■ 207.8690, 5.4876,
13.2699

■ 215.6730, 9.5282,
23.9658

Harmonies

Analogous

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



159.8870, -62.5553, -2.5319



145.9210, -27.5691, -70.9677



137.5320, 9.1047, -120.6156

Triad

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



145.9210, -27.5691, -70.9677



138.2520, 57.5568, -121.2470



157.5270, -15.5428, 85.4838

Complementary

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



145.9210, -27.5691, -70.9677



117.0790, 27.5691, 70.9677

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.



162.7030, 14.4434, 80.9445



145.9210, -27.5691, -70.9677



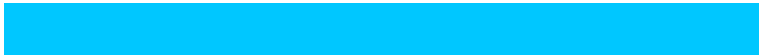
168.1060, 42.8387, -20.2640

Square

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



145.9210, -27.5691, -70.9677



145.8830, 53.7947, -127.9394



178.4880, 37.2274, 53.0690



165.4760, -48.5487, 78.5125

Rectangle

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



145.9210, -27.5691, -70.9677



143.3630, 28.9080, -125.7294



178.4880, 37.2274, 53.0690



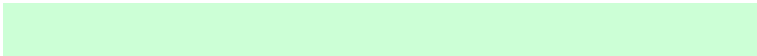
156.9860, -4.9231, 85.9583

Sweetspot

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



145.9210, -27.5691, -70.9677



235.0770, -10.3910, -27.2545



175.6620, -54.5564, -1.4576



115.8810, -6.3503, -16.5586



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.



145.9210, -27.5691, -70.9677



173.9550, -42.8688, -110.4625



153.4450, 1.2596, -77.5663



95.3970, -2.1677, -4.7332



99.2150, -33.6300, -87.0116



21.9300, -7.3605, -19.2326

Inverse Universe

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



117.0790, 27.5691, 70.9677



129.0450, 42.8688, 110.4625



109.5550, -1.2596, 77.5663



93.6030, 2.1677, 4.7332



63.8990, 34.0668, 86.9116



14.0700, 7.3605, 19.2326

Previews

White Background



This preview shows how the YUV color 145.9210, -27.5691, -70.9677 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 145.9210, -27.5691, -70.9677 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 145.9210, -27.5691, -70.9677 Background



This preview shows how black text looks on a background with the YUV color 145.9210, -27.5691, -70.9677.



This preview shows how white text looks on a background with the YUV color 145.9210, -27.5691, -70.9677.

-70.9677.

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

145.9210, -27.5691, -70.9677

Protanopia

168.0080, -42.4019, 20.1640

Deuteranopia

170.9310, -35.4620, 34.2635



Tritanopia

161.3980, 19.5238, -55.6000

Trichromacy



Original Color

145.9210, -27.5691, -70.9677



Protanomaly

159.8790, -36.9153, -13.0489



Deuteranomaly

161.7860, -32.4325, -4.1973



Tritanomaly

155.5980, 2.6632, -61.0374

Monochromacy



Original Color

145.9210, -27.5691, -70.9677



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

146.2020, -9.9596, -25.6102

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.9210, -27.5691, -70.9677 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(65, 198, 90)` looks like.

```
.text, #text, p{  
    color:rgb(65, 198, 90)  
}
```

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(65, 198, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 198, 90) }
```

Border

The CSS property to change the border of an element to YUV 145.9210, -27.5691, -70.9677 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(65, 198, 90) }
```


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

```
.border{ border-color:rgb(65, 198, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 198, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 198, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 198, 90);  
box-shadow:4px 4px 4px 4px rgb(65, 198,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 145.9210, -27.5691, -70.9677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 198, 90) }
```

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

```
.background{ background-color: rgb(65, 198,  
90) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor