

Converting Colors

YUV(168.4950, -64.8270,
-20.6051)

Have a look what the booklet for
YUV(168.4950, -64.8270, -20.6051)
contains.

YUV(168.4950, -64.8270, -20.6051)	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(168.4950, -64.8270,
-20.6051)**

Conversions

Conversions Part 1

Format	Color
Hex	91CE25
RGB	145, 206, 37
RGB Percent	57%, 81%, 15%
CMY	0.4314, 0.1922, 0.8549
CMYK	0.30, 0.00, 0.82, 0.19
HSL	82°, 70%, 48%
HSV	82°, 82%, 81%
XYZ	34.0823, 50.2959, 9.6620
YIQ	168.4950, 17.8930, -65.4910

Conversions

Conversions Part 2

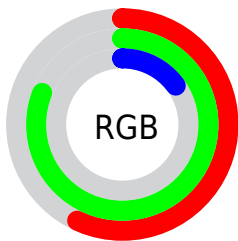
Format	Color
RYB	37, 206, 98
Decimal	9555493
CIELab	76.25, -42.41, 69.85
CIELCh	76, 81.713, 121.266
Yxy	50.2959, 0.3624, 0.5348
Android (android.graphics.Color)	4287745573 (0xFF91CE25)
YUV	168.4950, -64.8270, -20.6051
Hunter-Lab	70.9196, -38.3265, 41.5661

Details

The YUV color **168.4950, -64.8270, -20.6051** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **74.5050, 64.8270, 20.6051**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.6680, -60.4753, -16.3718**, and **114.9490, -56.6699, -23.6343** is the 20% darker color. If you saturate the color by 10%, you get **164.0080, -72.9679, -22.8090**, and if you desaturate by 10%, it is **172.9820, -56.6861, -18.4012**.

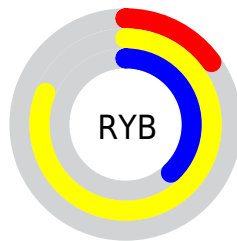
Distribution



Red (57%)

Green (81%)

Blue (15%)



Red (15%)

Yellow (81%)

Blue (38%)

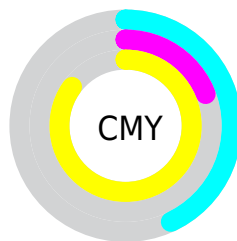


Cyan (30%)

Magenta (0%)

Yellow (82%)

Black (19%)



Cyan (43%)

Magenta (19%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.4950, -64.8270, -20.6051 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 168.4950, -64.8270, -20.6051 by changing the saturation by 10% instead.

■ 168.4950,
-64.8270, -20.6051

■ 168.4950,
-64.8270, -20.6051

■ 255.0000, 0.0000,
0.0000

■ 139.1700,
-68.6108, -20.3201

■ 221.6680,
-60.4753, -16.3718

■ 114.9490,
-56.6699, -23.6343

■ 233.8300,
-52.6672, -0.7279

■ 91.0160, -44.8709,
-28.0780

■ 243.6000,
-43.6798, 9.9978

■ 66.4740, -32.7717,
-35.4957

■ 246.9060,
-31.0127, 7.0984

■ 44.0250, -21.7043,
-38.6099

■ 250.2120,
-18.3455, 4.1991

■ 30.5240, -15.0483,
-26.7695

■ 253.6320, -5.2416,

■ 17.6100, -8.6817,

1.1997

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 168.4950,
-64.8270, -20.6051

■ 168.4950,
-64.8270, -20.6051

■ 164.0080,
-72.9679, -22.8090

■ 172.9820,
-56.6861, -18.4012

■ 160.3900,
-79.0723, -24.8980

■ 177.6540,
-49.1294, -15.4826

■ 182.1410,
-40.9885, -13.2787

■ 186.8130,
-33.4318, -10.3600

■ 191.3000,
-25.2909, -8.1561

■ 196.0860,
-17.2974, -5.3374

■ 200.4590, -9.5933,
-3.0335

■ 204.9460, -1.4524,
-0.8296

■ 209.6180, 6.1043,
2.0890

Harmonies

Analogous

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



175.2610, -86.4037, 40.1131



168.4950, -64.8270, -20.6051



140.6200, -14.6027, -123.3237

Triad

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



168.4950, -64.8270, -20.6051



154.6880, 49.4538, -135.6614



161.6600, 12.9856, 81.8592

Complementary

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



168.4950, -64.8270, -20.6051



74.5050, 64.8270, 20.6051

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.



182.2120, 35.8845, 63.8351



168.4950, -64.8270, -20.6051



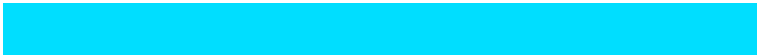
144.1220, 54.6629, -126.3950

Square

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



168.4950, -64.8270, -20.6051



159.3840, 47.1387, -139.7798



183.3220, 35.3373, 5.8566



161.4420, -23.3889, 82.0504

Rectangle

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



168.4950, -64.8270, -20.6051



148.8960, 6.9533, -130.5818



183.3220, 35.3373, 5.8566



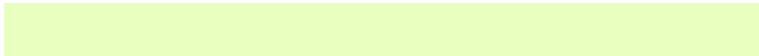
166.9720, 23.1848, 77.2006

Sweetspot

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



168.4950, -64.8270, -20.6051



240.8270, -24.5647, -7.7413



122.1640, -41.9859, 73.5242



119.3680, -14.9714, -4.7077



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.



168.4950, -64.8270, -20.6051



199.5900, -95.9329, -30.3354



143.6780, -52.5923, -71.6316



99.6640, -3.7784, -1.4593



129.1360, -63.6640, -20.2903



29.4820, -14.5346, -4.8077

Inverse Universe

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



74.5050, 64.8270, 20.6051



60.4100, 95.9329, 30.3354



99.3220, 52.5923, 71.6316



94.0370, 3.9258, 0.8446



36.8640, 63.6640, 20.2903



8.5180, 14.5346, 4.8077

Previews

White Background



This preview shows how the YUV color 168.4950, -64.8270, -20.6051 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 168.4950, -64.8270, -20.6051 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 168.4950, -64.8270, -20.6051 Background



This preview shows how black text looks on a background with the YUV color 168.4950, -64.8270, -20.6051.



This preview shows how white text looks on a background with the YUV color 168.4950, -64.8270, -20.6051.

-20.6051.

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

168.4950, -64.8270, -20.6051

Protanopia

177.0930, -71.5308, 29.7364

Deuteranopia

180.6790, -63.4387, 47.6395



Tritanopia

185.3380, 10.6794, -18.7134

Trichromacy



Original Color

168.4950, -64.8270, -20.6051

Protanomaly

174.2540, -69.1452, 11.1782

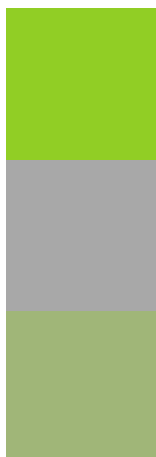
Deuteranomaly

176.1120, -63.6522, 22.7038

Tritanomaly

179.1120, -16.8172, -19.3922

Monochromacy



Original Color

168.4950, -64.8270, -20.6051

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.3540, -23.8385, -7.3265

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.4950, -64.8270, -20.6051 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(145, 206, 37)` looks like.

```
.text, #text, p{  
    color:rgb(145, 206, 37)  
}
```

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(145, 206, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 206, 37) }
```

Border

The CSS property to change the border of an element to YUV 168.4950, -64.8270, -20.6051 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(145, 206, 37) }
```


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

```
.border{ border-color:rgb(145, 206, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 206, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 206, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 206, 37);  
box-shadow:4px 4px 4px 4px rgb(145, 206,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 168.4950, -64.8270, -20.6051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 206, 37) }
```

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

```
.background{ background-color: rgb(145,  
206, 37) }
```

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