

Converting Colors

YUV(163.4720, -33.2637,
-64.4349)

Have a look what the booklet for
YUV(163.4720, -33.2637, -64.4349)
contains.

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Color

**YUV(163.4720, -33.2637,
-64.4349)**

Conversions

Conversions Part 1

Format	Color
Hex	5AD660
RGB	90, 214, 96
RGB Percent	35%, 84%, 38%
CMY	0.6471, 0.1608, 0.6235
CMYK	0.58, 0.00, 0.55, 0.16
HSL	123°, 60%, 60%
HSV	123°, 58%, 84%
XYZ	30.3743, 51.1113, 19.3309
YIQ	163.4720, -36.0260, -62.9860

Conversions

Conversions Part 2

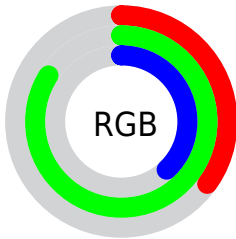
Format	Color
RYB	90, 208, 214
Decimal	5953120
CIELab	76.75, -57.93, 47.50
CIELCh	77, 74.912, 140.648
Yxy	51.1113, 0.3013, 0.5070
Android (android.graphics.Color)	4284143200 (0xFF5AD660)
YUV	163.4720, -33.2637, -64.4349
Hunter-Lab	71.4922, -49.2734, 34.0130

Details

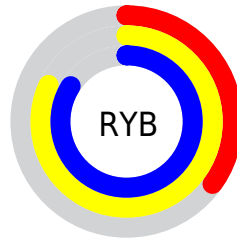
The YUV color **163.4720, -33.2637, -64.4349** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **140.5280, 33.2637, 64.4349**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.5210, -30.8229, -53.9539**, and **98.0610, -26.6521, -85.1225** is the 20% darker color. If you saturate the color by 10%, you get **154.9130, -38.9041, -75.3457**, and if you desaturate by 10%, it is **172.0310, -27.6233, -53.5242**.

Distribution



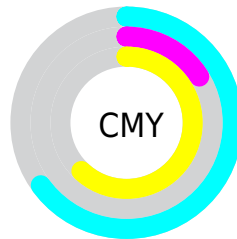
- Red (35%)
- Green (84%)
- Blue (38%)



- Red (35%)
- Yellow (82%)
- Blue (84%)



- Cyan (58%)
- Magenta (0%)
- Yellow (55%)
- Black (16%)



- Cyan (65%)
- Magenta (16%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.4720, -33.2637, -64.4349 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 163.4720, -33.2637, -64.4349 by changing the saturation by 10% instead.

■ 163.4720,
-33.2637, -64.4349

■ 163.4720,
-33.2637, -64.4349

255.0000, 0.0000,
0.0000

■ 134.2050,
-31.6531, -67.7088

■ 211.5210,
-30.8229, -53.9539

■ 98.0610, -26.6521,
-85.1225

■ 223.6830,
-23.0147, -38.3100

■ 78.3790, -32.2318,
-68.7384

■ 235.8450,
-15.2066, -22.6661

■ 61.6350, -30.3861,
-54.0539

■ 248.1210, -6.9617,
-7.1221

■ 46.3730, -22.8619,
-40.6691

■ 32.2850, -15.9165,
-28.3139

■ 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 163.4720,
-33.2637, -64.4349

■ 163.4720,
-33.2637, -64.4349

■ 154.9130,
-38.9041, -75.3457

■ 172.0310,
-27.6233, -53.5242

■ 145.9410,
-44.8339, -86.7713

■ 181.0030,
-21.6935, -42.0986

■ 137.3820,
-50.4743, -97.6820

■ 189.5620,
-16.0531, -31.1879

■ 128.5240,
-55.9673, -109.2075

■ 198.4200,
-10.5601, -19.6623

■ 126.7580,
-57.5617, -111.1668

■ 207.0930, -4.4828,
-8.8516

■ 215.6520, 1.1576,
2.0592

■ 224.6240, 7.0874,
13.4848

■ 230.9330, 11.8650,
21.1068

Harmonies

Analogous

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



175.2960, -66.2079, 2.3714



163.4720, -33.2637, -64.4349



148.5370, 8.1163, -130.2669

Triad

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



163.4720, -33.2637, -64.4349



148.8180, 52.3477, -130.5134



166.7370, -10.7163, 77.4067

Complementary

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



163.4720, -33.2637, -64.4349



140.5280, 33.2637, 64.4349

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.



174.0160, 19.7121, 71.0230



163.4720, -33.2637, -64.4349



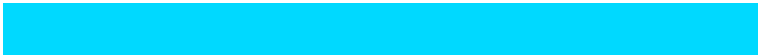
178.9820, 37.4769, -27.1712

Square

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



163.4720, -33.2637, -64.4349



156.4490, 48.5856, -137.2058



192.4680, 30.8283, 52.2096



173.7570, -44.7432, 71.2501

Rectangle

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



163.4720, -33.2637, -64.4349



154.5960, 28.7932, -135.5807



192.4680, 30.8283, 52.2096



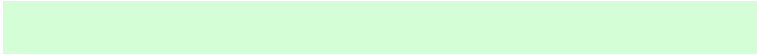
166.8970, 0.0508, 77.2663

Sweetspot

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



163.4720, -33.2637, -64.4349



237.4690, -11.5702, -22.3363



198.6680, -53.5733, 9.9382



117.3760, -7.0874, -13.4848



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.



163.4720, -33.2637, -64.4349



182.3980, -48.0172, -92.4340



170.3120, -7.0558, -70.4336



102.5710, -2.7465, -5.7628



101.2890, -45.9915, -88.8305



25.4690, -11.5702, -22.3363

Inverse Universe

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



140.5280, 33.2637, 64.4349



149.4880, 47.5804, 92.5340



133.6880, 7.0558, 70.4336



100.5430, 3.1833, 5.6628



69.7110, 45.9915, 88.8305



17.5310, 11.5702, 22.3363

Previews

White Background



This preview shows how the YUV color 163.4720, -33.2637, -64.4349 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 163.4720, -33.2637, -64.4349 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 163.4720, -33.2637, -64.4349 Background



This preview shows how black text looks on a background with the YUV color 163.4720, -33.2637, -64.4349.



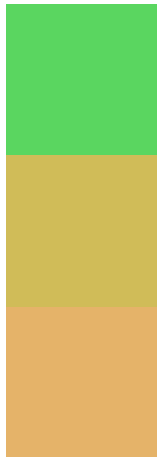
This preview shows how white text looks on a background with the YUV color 163.4720, -33.2637, -64.4349.

-64.4349.

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

163.4720, -33.2637, -64.4349

Protanopia

182.5800, -46.6279, 22.2933

Deuteranopia

185.5140, -39.6934, 38.1372



Tritanopia

178.3060, 19.0761, -52.0114

Trichromacy



Original Color

163.4720, -33.2637, -64.4349



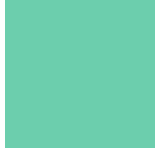
Protanomaly

175.3480, -41.5836, -9.0752



Deuteranomaly

177.5540, -37.2481, 0.3911



Tritanomaly

172.9360, 0.0316, -56.9489

Monochromacy



Original Color

163.4720, -33.2637, -64.4349



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

163.3440, -12.0016, -23.9807

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.4720, -33.2637, -64.4349 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(90, 214, 96)` looks like.

```
.text, #text, p{  
    color:rgb(90, 214, 96)  
}
```

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(90, 214, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 214, 96) }
```

Border

The CSS property to change the border of an element to YUV 163.4720, -33.2637, -64.4349 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(90, 214, 96) }
```


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

```
.border{ border-color:rgb(90, 214, 96) }
```

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

Here you see how a box with a 4 pixel rgb(90, 214, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 214, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 214, 96);  
box-shadow:4px 4px 4px 4px rgb(90, 214,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 163.4720, -33.2637, -64.4349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 214, 96) }
```

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

```
.background{ background-color: rgb(90, 214,  
96) }
```

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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