

Converting Colors

YUV(165.6920, -33.3722,
-29.5479)

Have a look what the booklet for
YUV(165.6920, -33.3722, -29.5479)
contains.

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Color

**YUV(165.6920, -33.3722,
-29.5479)**

Conversions

Conversions Part 1

Format	Color
Hex	84C462
RGB	132, 196, 98
RGB Percent	52%, 77%, 38%
CMY	0.4824, 0.2314, 0.6157
CMYK	0.33, 0.00, 0.50, 0.23
HSL	99°, 45%, 58%
HSV	99°, 50%, 77%
XYZ	31.4603, 45.2672, 18.6346
YIQ	165.6920, -6.6860, -44.0460

Conversions

Conversions Part 2

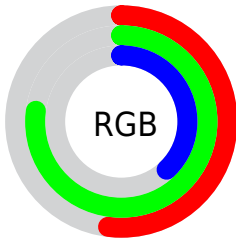
Format	Color
RYB	98, 196, 162
Decimal	8701026
CIELab	73.07, -38.04, 42.52
CIELCh	73, 57.057, 131.817
Yxy	45.2672, 0.3299, 0.4747
Android (android.graphics.Color)	4286891106 (0xFF84C462)
YUV	165.6920, -33.3722, -29.5479
Hunter-Lab	67.2809, -34.2758, 30.6753

Details

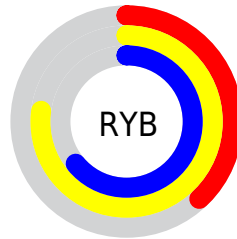
The YUV color **165.6920, -33.3722, -29.5479** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **128.3080, 33.3722, 29.5479**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.9370, -34.9719, -29.7627**, and **112.0340, -32.0618, -29.8478** is the 20% darker color. If you saturate the color by 10%, you get **159.5250, -40.1918, -35.5404**, and if you desaturate by 10%, it is **171.8590, -26.5525, -23.5553**.

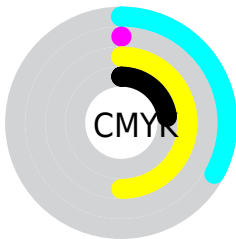
Distribution



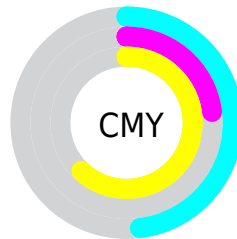
- Red (52%)
- Green (77%)
- Blue (38%)



- Red (38%)
- Yellow (77%)
- Blue (64%)



- Cyan (33%)
- Magenta (0%)
- Yellow (50%)
- Black (23%)



- Cyan (48%)
- Magenta (23%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.6920, -33.3722, -29.5479 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 165.6920, -33.3722, -29.5479 by changing the saturation by 10% instead.

■ 165.6920,
-33.3722, -29.5479

■ 165.6920,
-33.3722, -29.5479

255.0000, 0.0000,
0.0000

■ 138.9200,
-32.4986, -29.7478

■ 221.9370,
-34.9719, -29.7627

■ 112.0340,
-32.0618, -29.8478

■ 234.5610,
-27.8846, -16.2780

■ 85.7350, -31.9144,
-30.4626

■ 246.4240,
-19.9290, -1.2488

■ 59.3970, -29.2827,
-34.5512

■ 252.7200, -8.7360,
1.9996

■ 39.3290, -19.3892,
-34.4915

■ 25.8280, -12.7332,
-22.6512

■ 11.1530, -5.4984,

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 165.6920,
-33.3722, -29.5479

■ 165.6920,
-33.3722, -29.5479

■ 159.5250,
-40.1918, -35.5404

■ 171.8590,
-26.5525, -23.5553

■ 153.4720,
-46.5747, -41.6329

■ 177.9120,
-20.1696, -17.4628

■ 147.6040,
-53.5418, -47.0107

■ 183.7800,
-13.2025, -12.0851

■ 141.5510,
-59.9246, -53.1032

■ 189.8330, -6.8197,
-5.9925

■ 135.3840,
-66.7443, -59.0958

■ 196.0000, 0.0000,
0.0000

■ 202.1670, 6.8197,
5.9925

■ 208.2200, 13.2025,
12.0851

■ 214.0880, 20.1696,
17.4628

■ 217.9750, 18.2533,
25.4549

Harmonies

Analogous

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



172.0260, -49.8058, 14.8862



165.6920, -33.3722, -29.5479



146.4550, -0.7173, -96.8690

Triad

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



165.6920, -33.3722, -29.5479



142.9480, 55.2416, -125.3654



173.2570, -6.0427, 71.6886

Complementary

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



165.6920, -33.3722, -29.5479



128.3080, 33.3722, 29.5479

Split Complementary

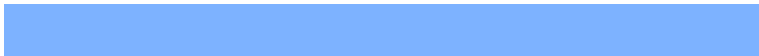
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



182.1200, 15.2238, 63.9158



165.6920, -33.3722, -29.5479



170.9310, 41.4460, -40.2815

Square

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



165.6920, -33.3722, -29.5479



147.4330, 49.5795, -129.2987



184.0190, 34.9936, 22.7853



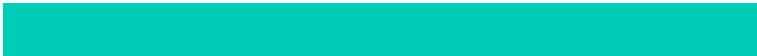
174.7150, -30.9185, 70.4099

Rectangle

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



165.6920, -33.3722, -29.5479



140.9690, 19.7353, -123.6298



184.0190, 34.9936, 22.7853



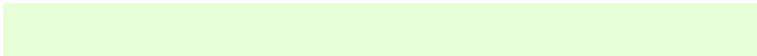
175.1950, 1.3829, 69.9890

Sweetspot

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



165.6920, -33.3722, -29.5479



243.1930, -12.9131, -11.5703



164.8700, -32.9669, 27.3010



120.8930, -7.8352, -6.9222



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.



165.6920, -33.3722, -29.5479



207.6580, -52.0894, -46.1811



157.2360, -21.8083, -51.9500



94.0660, -3.4835, -2.6889



111.2510, -54.8467, -48.4551



22.9590, -11.3188, -9.6110

Inverse Universe

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



128.3080, 33.3722, 29.5479



149.3420, 52.0894, 46.1811



136.7640, 21.8083, 51.9500



90.2330, 3.3361, 3.3037



49.7490, 54.8467, 48.4551



10.3400, 11.1714, 10.2258

Previews

White Background



This preview shows how the YUV color 165.6920, -33.3722, -29.5479 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 165.6920, -33.3722, -29.5479 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 165.6920, -33.3722, -29.5479 Background



This preview shows how black text looks on a background with the YUV color 165.6920, -33.3722, -29.5479.



This preview shows how white text looks on a background with the YUV color 165.6920, -33.3722, -29.5479.

-29.5479.

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

165.6920, -33.3722, -29.5479

Protanopia

174.4640, -40.6548, 19.7641

Deuteranopia

176.5290, -35.7568, 35.4931



Tritanopia

175.6470, 12.0060, -24.2464

Trichromacy



Original Color

165.6920, -33.3722, -29.5479

Protanomaly

171.0380, -37.9797, 1.7207

Deuteranomaly

172.3150, -34.6653, 12.0017

Tritanomaly

171.9830, -4.4286, -26.2951

Monochromacy



Original Color

165.6920, -33.3722, -29.5479

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.0190, -12.3344, -10.5407

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.6920, -33.3722, -29.5479 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(132, 196, 98)` looks like.

```
.text, #text, p{  
    color:rgb(132, 196, 98)  
}
```

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(132, 196, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 196, 98) }
```

Border

The CSS property to change the border of an element to YUV 165.6920, -33.3722, -29.5479 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(132, 196, 98) }
```


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

```
.border{ border-color:rgb(132, 196, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 196, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 196, 98); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 196, 98); box-shadow:4px 4px 4px 4px rgb(132, 196, 98) }
```

Background

The CSS property to change the background color of an element to YUV 165.6920, -33.3722, -29.5479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 196, 98) }
```

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

```
.background{ background-color: rgb(132,  
196, 98) }
```

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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