

Converting Colors

YUV(166.0120, -28.5999,
-20.1815)

Have a look what the booklet for
YUV(166.0120, -28.5999, -20.1815)
contains.

YUV(166.0120, -28.5999, -20.1815)	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(166.0120, -28.5999,
-20.1815)**

Conversions

Conversions Part 1

Format	Color
Hex	8FBD6C
RGB	143, 189, 108
RGB Percent	56%, 74%, 42%
CMY	0.4392, 0.2588, 0.5765
CMYK	0.24, 0.00, 0.43, 0.26
HSL	94°, 38%, 58%
HSV	94°, 43%, 74%
XYZ	32.2321, 43.3175, 20.8497
YIQ	166.0120, -1.4150, -34.9430

Conversions

Conversions Part 2

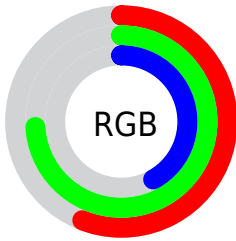
Format	Color
RYB	108, 189, 154
Decimal	9420140
CIELab	71.77, -29.64, 36.05
CIElCh	72, 46.674, 129.431
Yxy	43.3175, 0.3344, 0.4494
Android (android.graphics.Color)	4287610220 (0xFF8FBD6C)
YUV	166.0120, -28.5999, -20.1815
Hunter-Lab	65.8161, -27.7614, 27.2889

Details

The YUV color **166.0120, -28.5999, -20.1815** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **130.9880, 28.5999, 20.1815**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.3710, -29.7629, -20.4964**, and **112.7670, -27.0001, -19.9667** is the 20% darker color. If you saturate the color by 10%, you get **160.5570, -35.2776, -25.0445**, and if you desaturate by 10%, it is **171.4670, -21.9222, -15.3186**.

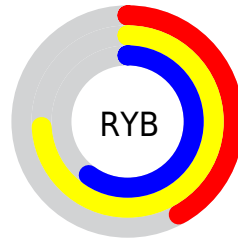
Distribution



Red (56%)

Green (74%)

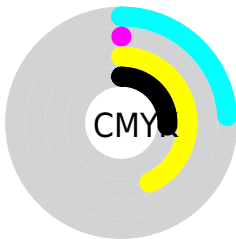
Blue (42%)



Red (42%)

Yellow (74%)

Blue (60%)

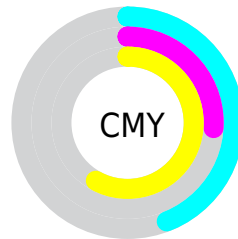


Cyan (24%)

Magenta (0%)

Yellow (43%)

Black (26%)



Cyan (44%)

Magenta (26%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.0120, -28.5999, -20.1815 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 166.0120, -28.5999, -20.1815 by changing the saturation by 10% instead.

■ 166.0120,
-28.5999, -20.1815

■ 166.0120,
-28.5999, -20.1815

■ 255.0000, 0.0000,
0.0000

■ 139.2400,
-27.7263, -20.3815

■ 221.3710,
-29.7629, -20.4964

■ 112.7670,
-27.0001, -19.9667

■ 238.9900,
-25.1381, -10.5152

■ 87.8810, -26.5633,
-20.0666

■ 250.5540,
-17.0351, 3.8991

■ 62.7670, -27.0001,
-19.9667

■ 253.8600, -4.3680,
0.9998

■ 40.2920, -19.8640,
-22.1811

■ 22.8930, -11.2862,
-20.0772

■ 7.0440, -3.4727,

-6.1776

■ 0.0000, 0.0000,
0.0000

■ 166.0120,
-28.5999, -20.1815

■ 166.0120,
-28.5999, -20.1815

■ 160.5570,
-35.2776, -25.0445

■ 171.4670,
-21.9222, -15.3186

■ 155.4010,
-42.1027, -29.2927

■ 176.6230,
-15.0971, -11.0704

■ 149.9460,
-48.7804, -34.1556

■ 182.0780, -8.4195,
-6.2074

■ 144.4910,
-55.4581, -39.0186

■ 187.5330, -1.7418,
-1.3444

■ 139.0360,
-62.1357, -43.8816

■ 192.9880, 4.9359,
3.5185

■ 135.4610,
-66.7823, -46.8853

■ 198.0300, 11.3242,
7.8667

■ 203.4850, 18.0019,
12.7297

■ 208.4840, 22.9324,
17.9925

■ 211.7730, 21.3109,
24.7551

Harmonies

Analogous

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



171.2570, -40.0597, 15.5606



166.0120, -28.5999, -20.1815



156.8830, -6.3513, -63.0414

Triad

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



166.0120, -28.5999, -20.1815



139.4260, 56.9780, -122.2766



177.7080, -6.7580, 67.7851

Complementary

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



166.0120, -28.5999, -20.1815



130.9880, 28.5999, 20.1815

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.



180.7610, 12.9358, 51.0756



166.0120, -28.5999, -20.1815



171.8500, 40.9930, -34.9484

Square

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



166.0120, -28.5999, -20.1815



141.1580, 43.3061, -123.7956



180.4110, 30.3634, 14.5486



176.6480, -25.9555, 65.2067

Rectangle

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



166.0120, -28.5999, -20.1815



136.0620, 18.7034, -119.3264



180.4110, 30.3634, 14.5486



179.0050, -0.4955, 65.7706

Sweetspot

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



166.0120, -28.5999, -20.1815



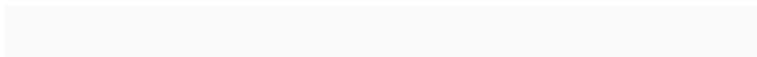
235.9700, -11.3242, -7.8667



159.2210, -25.2520, 26.1162



116.5450, -6.6777, -4.8630



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



166.0120, -28.5999, -20.1815



209.5210, -44.1339, -31.1519



156.1170, -21.2567, -42.1986



91.4790, -3.1941, -2.1741



113.0780, -55.7475, -39.5334



22.0840, -10.8874, -7.9667

Inverse Universe

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



130.9880, 28.5999, 20.1815



155.4790, 44.1339, 31.1519



140.8830, 21.2567, 42.1986



87.5210, 3.1941, 2.1741



44.9220, 55.7475, 39.5334



8.6170, 11.0348, 7.3519

Previews

White Background



This preview shows how the YUV color 166.0120, -28.5999, -20.1815 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 166.0120, -28.5999, -20.1815 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 166.0120, -28.5999, -20.1815 Background



This preview shows how black text looks on a background with the YUV color 166.0120, -28.5999, -20.1815.



This preview shows how white text looks on a background with the YUV color 166.0120, -28.5999, -20.1815.

-20.1815.

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

166.0120, -28.5999, -20.1815

Protanopia

171.8750, -33.9554, 17.6496

Deuteranopia

174.5870, -30.3624, 31.9342



Tritanopia

173.7190, 9.5055, -15.5396

Trichromacy



Original Color

166.0120, -28.5999, -20.1815

Protanomaly

169.6560, -31.8754, 3.8097

Deuteranomaly

171.5800, -29.8659, 12.6463

Tritanomaly

171.0380, -4.4557, -17.5733

Monochromacy



Original Color

166.0120, -28.5999, -20.1815

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9100, -10.3086, -6.9371

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.0120, -28.5999, -20.1815 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(143, 189, 108)` looks like.

```
.text, #text, p{  
    color:rgb(143, 189, 108)  
}
```

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(143, 189, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 189, 108) }
```

Border

The CSS property to change the border of an element to YUV 166.0120, -28.5999, -20.1815 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(143, 189, 108) }
```


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

```
.border{ border-color:rgb(143, 189, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 189, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 189, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 189, 108);  
box-shadow:4px 4px 4px 4px rgb(143, 189,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 166.0120, -28.5999, -20.1815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 189, 108) }
```

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

```
.background{ background-color: rgb(143,  
189, 108) }
```

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