

Converting Colors

YUV(166.6350, -6.2291,
38.0311)

Have a look what the booklet for
YUV(166.6350, -6.2291, 38.0311)
contains.

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Color

**YUV(166.6350, -6.2291,
38.0311)**

Conversions

Conversions Part 1

Format	Color
Hex	D2939A
RGB	210, 147, 154
RGB Percent	82%, 58%, 60%
CMY	0.1765, 0.4235, 0.3961
CMYK	0.00, 0.30, 0.27, 0.18
HSL	353°, 41%, 70%
HSV	353°, 30%, 82%
XYZ	42.8448, 36.9022, 35.4365
YIQ	166.6350, 35.3010, 15.5330

Conversions

Conversions Part 2

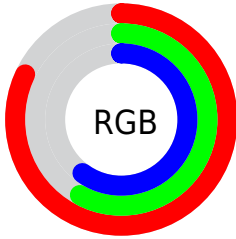
Format	Color
R _Y B	210, 147, 154
Decimal	13800346
CIE Lab	67.20, 24.74, 5.88
CIE LCh	67, 25.428, 13.378
Yxy	36.9022, 0.3720, 0.3204
Android (android.graphics.Color)	4291990426 (0xFFD2939A)
YUV	166.6350, -6.2291, 38.0311
Hunter-Lab	60.7472, 19.5880, 7.9365

Details

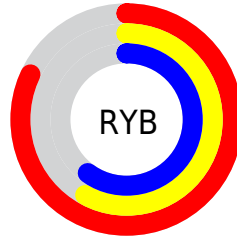
The YUV color **166.6350, -6.2291, 38.0311** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **190.3650, 6.2291, -38.0311**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.9440, -4.9024, 32.4981**, and **114.1400, -5.4920, 34.9572** is the 20% darker color. If you saturate the color by 10%, you get **152.1420, -8.4510, 50.7415**, and if you desaturate by 10%, it is **181.1280, -4.0071, 25.3207**.

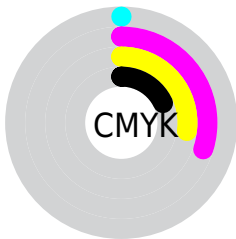
Distribution



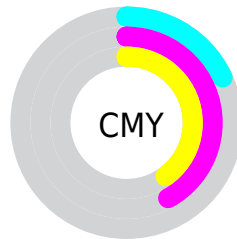
- Red (82%)
- Green (58%)
- Blue (60%)



- Red (82%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (30%)
- Yellow (27%)
- Black (18%)



- Cyan (18%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.6350, -6.2291, 38.0311 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 166.6350, -6.2291, 38.0311 by changing the saturation by 10% instead.

■ 166.6350, -6.2291,
38.0311

■ 166.6350, -6.2291,
38.0311

255.0000, 0.0000,
0.0000

■ 140.0370, -5.9342,
36.8016

■ 217.9440, -4.9024,
32.4981

■ 114.1400, -5.4920,
34.9572

■ 238.2730, -0.6276,
14.6696

■ 88.6560, -4.7604,
33.6277

■ 64.7590, -4.3182,
31.7834

■ 41.0900, -3.0024,
29.7391

■ 18.4920, -2.7076,
28.5095

■ 7.8880, -3.3958,

15.8842

■ 0.0000, 0.0000,
0.0000

■ 166.6350, -6.2291,
38.0311

■ 166.6350, -6.2291,
38.0311

■ 152.1420, -8.4510,
50.7415

■ 181.1280, -4.0071,
25.3207

■ 137.7630,
-10.2362, 63.3518

■ 195.5070, -2.2220,
12.7104

■ 123.2700,
-12.4581, 76.0622

■ 210.0000, 0.0000,
0.0000

■ 108.7770,
-14.6801, 88.7726

■ 224.4930, 2.2220,
-12.7104

■ 94.3980, -16.4652,
101.3830

■ 238.8720, 4.0071,
-25.3207

■ 79.9050, -18.6872,
114.0933

■ 241.5450, 6.6333,
-27.6650

■ 65.4120, -20.9091,
126.8037

Harmonies

Analogous

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



167.1530, 4.8546, 29.6838



166.6350, -6.2291, 38.0311



165.3930, -15.9697, 35.6123

Triad

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



166.6350, -6.2291, 38.0311



158.8400, -14.2181, -13.0147



158.0830, 24.1161, -35.1528

Complementary

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



166.6350, -6.2291, 38.0311



190.3650, 6.2291, -38.0311

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.



153.2570, 20.0863, -49.3374



166.6350, -6.2291, 38.0311



155.1070, -2.5178, -32.5428

Square

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



166.6350, -6.2291, 38.0311



161.2510, -20.8297, 7.6729



152.6350, 10.0399, -47.0379



163.6560, 21.8616, -11.9763

Rectangle

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



166.6350, -6.2291, 38.0311



164.2090, -20.3160, 29.6347



152.6350, 10.0399, -47.0379



156.2240, 23.5536, -41.4154

Sweetspot

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



166.6350, -6.2291, 38.0311



239.2190, -2.0800, 13.8399



170.9260, 19.2635, 28.1289



117.7130, -1.3375, 9.0217



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.



166.6350, -6.2291, 38.0311



191.6480, -9.1935, 55.5597



179.9250, -16.2320, 26.3758



97.4030, -1.1847, 6.6626



52.3980, -16.4652, 101.3830



12.8290, -3.8597, 24.7060

Inverse Universe

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



166.6350, -6.2291, 38.0311



191.6480, -9.1935, 55.5597



177.0750, 16.2320, -26.3758



97.4030, -1.1847, 6.6626



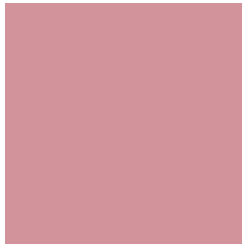
52.3980, -16.4652, 101.3830



12.8290, -3.8597, 24.7060

Previews

White Background



This preview shows how the YUV color 166.6350, -6.2291, 38.0311 looks on a white background.

Color Contrast Check

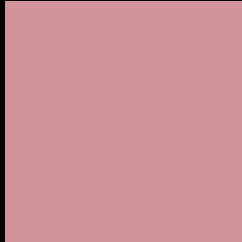
Large Text (above 18pt) WCAG AA × Fail

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 166.6350, -6.2291, 38.0311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

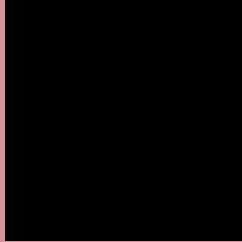
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 166.6350, -6.2291, 38.0311

Background



This preview shows how black text looks on a background with the YUV color 166.6350, -6.2291, 38.0311.



This preview shows how white text looks on a background with the YUV color 166.6350, -6.2291,

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

166.6350, -6.2291, 38.0311

Protanopia

164.1960, -0.5896, 2.4591

Deuteranopia

165.0900, -6.4534, 16.5841



Tritanopia

166.5040, -4.1925, 38.1460

Trichromacy



Original Color

166.6350, -6.2291, 38.0311

Protanomaly

165.1160, -2.5222, 15.6843

Deuteranomaly

165.5470, -6.1857, 24.0763

Tritanomaly

166.3900, -4.6293, 38.2460

Monochromacy



Original Color

166.6350, -6.2291, 38.0311

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.1050, -2.5168, 13.9399

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.6350, -6.2291, 38.0311 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(210, 147, 154)` looks like.

```
.text, #text, p{  
    color:rgb(210, 147, 154)  
}
```

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(210, 147, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 147, 154) }
```

Border

The CSS property to change the border of an element to YUV 166.6350, -6.2291, 38.0311 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(210, 147, 154) }
```


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

```
.border{ border-color:rgb(210, 147, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 147, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 147, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 147, 154);  
box-shadow:4px 4px 4px 4px rgb(210, 147,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 166.6350, -6.2291, 38.0311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 147, 154) }
```

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

```
.background{ background-color: rgb(210,  
147, 154) }
```

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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