

Converting Colors

YUV(166.1640, -11.9129,
41.0752)

Have a look what the booklet for
YUV(166.1640, -11.9129, 41.0752)
contains.

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Color

**YUV(166.1640, -11.9129,
41.0752)**

Conversions

Conversions Part 1

Format	Color
Hex	D5938E
RGB	213, 147, 142
RGB Percent	84%, 58%, 56%
CMY	0.1647, 0.4235, 0.4431
CMYK	0.00, 0.31, 0.33, 0.16
HSL	4°, 46%, 70%
HSV	4°, 33%, 84%
XYZ	42.7568, 36.9666, 30.4729
YIQ	166.1640, 40.9410, 12.4370

Conversions

Conversions Part 2

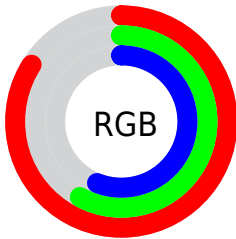
Format	Color
R _Y B	213, 147, 142
Decimal	13996942
CIE Lab	67.25, 24.27, 12.72
CIE LCh	67, 27.397, 27.654
Yxy	36.9666, 0.3880, 0.3355
Android (android.graphics.Color)	4292187022 (0xFFD5938E)
YUV	166.1640, -11.9129, 41.0752
Hunter-Lab	60.8001, 19.1272, 12.8441

Details

The YUV color **166.1640, -11.9129, 41.0752** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **188.8360, 11.9129, -41.0752**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.5760, -10.1440, 33.6978**, and **113.7830, -10.7390, 37.9013** is the 20% darker color. If you saturate the color by 10%, you get **152.0300, -15.2978, 53.4707**, and if you desaturate by 10%, it is **180.2980, -8.5279, 28.6797**.

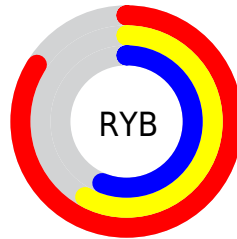
Distribution



Red (84%)

Green (58%)

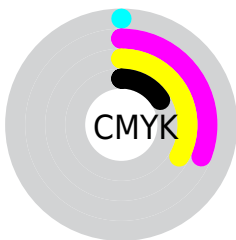
Blue (56%)



Red (84%)

Yellow (58%)

Blue (56%)

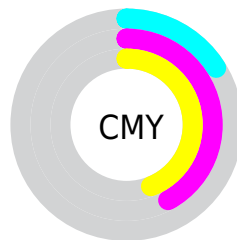


Cyan (0%)

Magenta (31%)

Yellow (33%)

Black (16%)



Cyan (16%)

Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.1640, -11.9129, 41.0752 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 166.1640, -11.9129, 41.0752 by changing the saturation by 10% instead.

■ 166.1640,
-11.9129, 41.0752

■ 166.1640,
-11.9129, 41.0752

■ 255.0000, 0.0000,
0.0000

■ 139.2670,
-11.4706, 39.2308

■ 216.5760,
-10.1440, 33.6978

■ 113.7830,
-10.7390, 37.9013

■ 236.7910, -6.3060,
15.9693

■ 88.0000, -9.8600,
35.9570

■ 254.6580, -1.3104,
0.2999

■ 64.2170, -8.9810,
34.0127

■ 40.5480, -7.6652,
31.9684

■ 17.6080, -8.6807,
31.0388

■ 7.5890, -3.2484,

15.2694

■ 0.0000, 0.0000,
0.0000

■ 166.1640,
-11.9129, 41.0752

■ 166.1640,
-11.9129, 41.0752

■ 152.0300,
-15.2978, 53.4707

■ 180.2980, -8.5279,
28.6797

■ 137.7820,
-19.1195, 65.9662

■ 194.5460, -4.7062,
16.1842

■ 124.2350,
-22.7939, 77.8469

■ 208.0930, -1.0318,
4.3034

■ 110.1010,
-26.1788, 90.2424

■ 222.2270, 2.3531,
-8.0921

■ 95.9670, -29.5637,
102.6379

■ 236.4750, 6.1748,
-20.5876

■ 81.7190, -33.3855,
115.1334

■ 242.4420, 6.1911,
-25.8206

■ 72.4920, -35.7386,
123.2255

Harmonies

Analogous

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



167.5300, -0.2613, 37.2462



166.1640, -11.9129, 41.0752



164.5300, -20.4743, 33.7382

Triad

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



166.1640, -11.9129, 41.0752



156.9140, -9.8176, -24.4806



160.8820, 25.6942, -27.9605

Complementary

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



166.1640, -11.9129, 41.0752



188.8360, 11.9129, -41.0752

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.



154.2230, 25.0331, -49.3076



166.1640, -11.9129, 41.0752



152.7510, 4.0668, -44.5086

Square

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



166.1640, -11.9129, 41.0752



159.8260, -19.6342, -2.4784



151.1160, 17.1978, -56.2297



165.6790, 20.3713, -0.5955

Rectangle

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



166.1640, -11.9129, 41.0752



163.6660, -23.4993, 23.9719



151.1160, 17.1978, -56.2297



158.5390, 25.8633, -35.5527

Sweetspot

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



166.1640, -11.9129, 41.0752



238.0620, -3.9746, 14.8546



170.7530, 18.3628, 37.0506



117.3710, -2.6479, 9.3216



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.



166.1640, -11.9129, 41.0752



187.6070, -17.0613, 59.1037



186.7090, -22.0415, 23.0572



99.8760, -1.9109, 6.2477



58.1730, -28.6793, 98.9493



14.6180, -7.2067, 24.8910

Inverse Universe

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



188.8360, 11.9129, -41.0752



220.3930, 17.0613, -59.1037



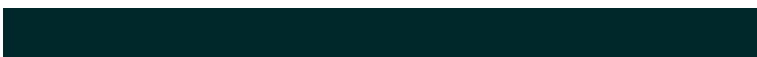
168.2910, 22.0415, -23.0572



103.1240, 1.9109, -6.2477



112.8270, 28.6793, -98.9493



28.3820, 7.2067, -24.8910

Previews

White Background



This preview shows how the YUV color 166.1640, -11.9129, 41.0752 looks on a white background.

Color Contrast Check

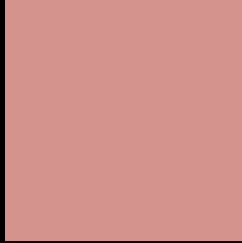
Large Text (above 18pt) WCAG AA × Fail

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 166.1640, -11.9129, 41.0752 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 166.1640, -11.9129, 41.0752 Background



This preview shows how black text looks on a background with the YUV color 166.1640, -11.9129, 41.0752.



This preview shows how white text looks on a background with the YUV color 166.1640, -11.9129, 41.0752.

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

166.1640, -11.9129, 41.0752

Protanopia

164.3120, -6.5628, 4.9884

Deuteranopia

164.9180, -12.2846, 20.2429



Tritanopia

166.8850, -5.3663, 41.3199

Trichromacy



Original Color

166.1640, -11.9129, 41.0752

Protanomaly

165.2320, -8.4954, 18.2135

Deuteranomaly

165.3750, -12.0169, 27.7351

Tritanomaly

166.9020, -7.8397, 41.3049

Monochromacy



Original Color

166.1640, -11.9129, 41.0752

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9480, -4.4114, 14.9546

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.1640, -11.9129, 41.0752 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(213, 147, 142)` looks like.

```
.text, #text, p{  
    color:rgb(213, 147, 142)  
}
```

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(213, 147, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 147, 142) }
```

Border

The CSS property to change the border of an element to YUV 166.1640, -11.9129, 41.0752 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(213, 147, 142) }
```


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

```
.border{ border-color:rgb(213, 147, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 147, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 147, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 147, 142);  
box-shadow:4px 4px 4px 4px rgb(213, 147,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 166.1640, -11.9129, 41.0752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 147, 142) }
```

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

```
.background{ background-color: rgb(213,  
147, 142) }
```

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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