

Converting Colors

YUV(165.6960, -42.7411,
-11.1344)

Have a look what the booklet for
YUV(165.6960, -42.7411, -11.1344)
contains.

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Color

**YUV(165.6960, -42.7411,
-11.1344)**

Conversions

Conversions Part 1

Format	Color
Hex	99BD4F
RGB	153, 189, 79
RGB Percent	60%, 74%, 31%
CMY	0.4000, 0.2588, 0.6902
CMYK	0.19, 0.00, 0.58, 0.26
HSL	80°, 45%, 53%
HSV	80°, 58%, 74%
XYZ	32.7457, 43.7320, 14.1124
YIQ	165.6960, 13.8540, -41.8420

Conversions

Conversions Part 2

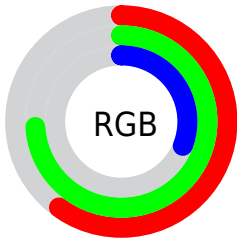
Format	Color
RYB	79, 189, 115
Decimal	10075471
CIELab	72.05, -29.00, 50.59
CIELCh	72, 58.318, 119.825
Yxy	43.7320, 0.3615, 0.4827
Android (android.graphics.Color)	4288265551 (0xFF99BD4F)
YUV	165.6960, -42.7411, -11.1344
Hunter-Lab	66.1302, -27.3398, 33.6385

Details

The YUV color **165.6960, -42.7411, -11.1344** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **102.3040, 42.7411, 11.1344**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.3540, -44.0515, -10.8345**, and **112.1690, -43.4673, -11.5492** is the 20% darker color. If you saturate the color by 10%, you get **161.7360, -50.1558, -12.9235**, and if you desaturate by 10%, it is **169.6560, -35.3264, -9.3453**.

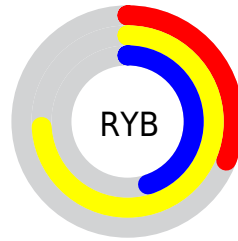
Distribution



Red (60%)

Green (74%)

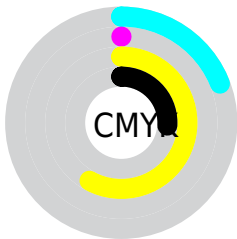
Blue (31%)



Red (31%)

Yellow (74%)

Blue (45%)

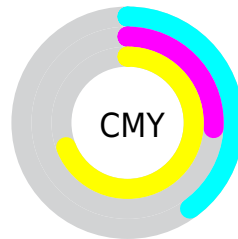


Cyan (19%)

Magenta (0%)

Yellow (58%)

Black (26%)



Cyan (40%)

Magenta (26%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.6960, -42.7411, -11.1344 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 165.6960, -42.7411, -11.1344 by changing the saturation by 10% instead.

■ 165.6960,
-42.7411, -11.1344

■ 165.6960,
-42.7411, -11.1344

■ 255.0000, 0.0000,
0.0000

■ 138.8100,
-42.3043, -11.2344

■ 221.3540,
-44.0515, -10.8345

■ 112.1690,
-43.4673, -11.5492

■ 239.2720,
-39.5741, -0.2385

■ 86.3970, -42.5937,
-11.7492

■ 247.2480,
-29.7023, 6.7985

■ 63.9480, -31.5264,
-14.8634

■ 250.4400,
-17.4719, 3.9991

■ 42.0750, -20.7430,
-20.2368

■ 253.7460, -4.8048,
1.0998

■ 23.4800, -11.5756,
-20.5920

■ 8.2180, -4.0515,

-7.2072

■ 0.0000, 0.0000,
0.0000

■ 165.6960,
-42.7411, -11.1344

■ 165.6960,
-42.7411, -11.1344

■ 161.7360,
-50.1558, -12.9235

■ 169.6560,
-35.3264, -9.3453

■ 157.7760,
-57.5706, -14.7126

■ 173.6160,
-27.9117, -7.5562

■ 153.5170,
-64.8379, -17.1164

■ 177.8750,
-20.6444, -5.1524

■ 149.5570,
-72.2526, -18.9055

■ 181.8350,
-13.2297, -3.3633

■ 148.9160,
-73.4156, -19.2203

■ 185.7950, -5.8149,
-1.5742

■ 189.6410, 1.1630,
0.3148

■ 193.6010, 8.5777,
2.1039

■ 197.5610, 15.9924,
3.8930

■ 201.8200, 23.2597,
6.2969

Harmonies

Analogous

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



171.3270, -52.9122, 31.2852



165.6960, -42.7411, -11.1344



154.8260, -16.6762, -64.7454

Triad

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



165.6960, -42.7411, -11.1344



144.1220, 54.6629, -126.3950



172.9610, 2.9772, 71.9482

Complementary

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



165.6960, -42.7411, -11.1344



102.3040, 42.7411, 11.1344

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.



181.1600, 24.5711, 52.4797



165.6960, -42.7411, -11.1344



153.5450, 50.0173, -82.9160

Square

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



165.6960, -42.7411, -11.1344



144.5660, 41.1330, -126.7844



177.9730, 37.9743, 0.0237



170.5550, -21.4726, 74.0583

Rectangle

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



165.6960, -42.7411, -11.1344



136.3580, 9.6835, -119.5860



177.9730, 37.9743, 0.0237



176.1870, 10.2608, 69.1190

Sweetspot

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



165.6960, -42.7411, -11.1344



236.0260, -16.2818, -4.4078



132.4350, -26.3435, 49.6075



116.8720, -9.3039, -2.5187



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.



165.6960, -42.7411, -11.1344



208.6480, -66.8745, -17.2313



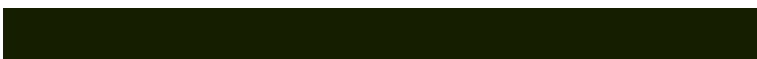
149.5500, -34.7811, -44.3323



92.0770, -3.4890, -0.9445



124.4400, -61.3489, -16.1719



24.4760, -12.0667, -3.0485

Inverse Universe

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



102.3040, 42.7411, 11.1344



109.6510, 66.7271, 17.8461



118.4500, 34.7812, 44.3324



86.9230, 3.4890, 0.9445



33.5600, 61.3489, 16.1719



6.5240, 12.0667, 3.0485

Previews

White Background



This preview shows how the YUV color 165.6960, -42.7411, -11.1344 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 165.6960, -42.7411, -11.1344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

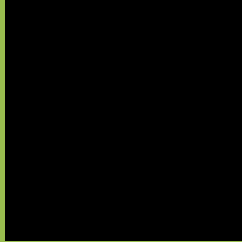
Any Text WCAG AA ✓ Pass

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 165.6960, -42.7411, -11.1344 Background



This preview shows how black text looks on a background with the YUV color 165.6960, -42.7411, -11.1344.



This preview shows how white text looks on a background with the YUV color 165.6960, -42.7411, -11.1344.

-11.1344.

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

165.6960, -42.7411, -11.1344

Protanopia

170.4660, -47.0647, 22.3933

Deuteranopia

173.1890, -43.4772, 38.4222



Tritanopia

175.6060, 7.5892, -7.5475

Trichromacy



Original Color

165.6960, -42.7411, -11.1344

Protanomaly

168.7310, -45.7164, 9.8829

Deuteranomaly

170.7800, -43.2755, 20.3639

Tritanomaly

171.7850, -10.7400, -8.5814

Monochromacy



Original Color

165.6960, -42.7411, -11.1344

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.5530, -15.5556, -3.9930

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.6960, -42.7411, -11.1344 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(153, 189, 79)` looks like.

```
.text, #text, p{  
    color:rgb(153, 189, 79)  
}
```

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(153, 189, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 189, 79) }
```

Border

The CSS property to change the border of an element to YUV 165.6960, -42.7411, -11.1344 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(153, 189, 79) }
```


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

```
.border{ border-color:rgb(153, 189, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 189, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 189, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 189, 79);  
box-shadow:4px 4px 4px 4px rgb(153, 189,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 165.6960, -42.7411, -11.1344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 189, 79) }
```

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

```
.background{ background-color: rgb(153,  
189, 79) }
```

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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