

Converting Colors

YUV(148.5180, -66.3174,
-9.2243)

Have a look what the booklet for
YUV(148.5180, -66.3174, -9.2243)
contains.

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Color

**YUV(148.5180, -66.3174,
-9.2243)**

Conversions

Conversions Part 1

Format	Color
Hex	8AB40E
RGB	138, 180, 14
RGB Percent	54%, 71%, 5%
CMY	0.4588, 0.2941, 0.9451
CMYK	0.23, 0.00, 0.92, 0.29
HSL	75°, 86%, 38%
HSV	75°, 92%, 71%
XYZ	26.8818, 38.0775, 6.3483
YIQ	148.5180, 28.2540, -60.5300

Conversions

Conversions Part 2

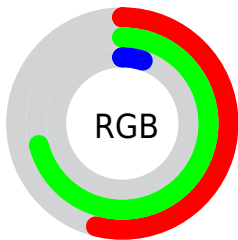
Format	Color
RYB	14, 180, 56
Decimal	9090062
CIELab	68.08, -34.20, 67.41
CIElCh	68, 75.589, 116.901
Yxy	38.0775, 0.3770, 0.5340
Android (android.graphics.Color)	4287280142 (0xFF8AB40E)
YUV	148.5180, -66.3174, -9.2243
Hunter-Lab	61.7070, -30.2262, 37.0952

Details

The YUV color **148.5180, -66.3174, -9.2243** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **45.4820, 66.3174, 9.2243**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.1850, -61.2232, -9.8092**, and **99.0670, -48.8400, -14.9678** is the 20% darker color. If you saturate the color by 10%, you get **145.7260, -71.8429, -10.2837**, and if you desaturate by 10%, it is **152.0650, -59.1920, -7.9500**.

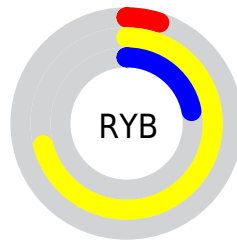
Distribution



Red (54%)

Green (71%)

Blue (5%)



Red (5%)

Yellow (71%)

Blue (22%)

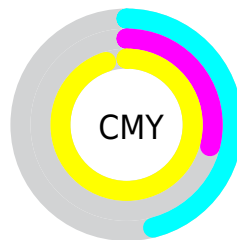


Cyan (23%)

Magenta (0%)

Yellow (92%)

Black (29%)



Cyan (46%)

Magenta (29%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.5180, -66.3174, -9.2243 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 148.5180, -66.3174, -9.2243 by changing the saturation by 10% instead.

■ 148.5180,
-66.3174, -9.2243

■ 148.5180,
-66.3174, -9.2243

■ 255.0000, 0.0000,
0.0000

■ 122.7010,
-60.4916, -11.1388

■ 206.1850,
-61.2232, -9.8092

■ 99.0670, -48.8400,
-14.9678

■ 229.5000,
-58.9135, -3.9465

■ 76.3190, -37.6253,
-18.6968

■ 241.6620,
-51.1054, 11.6974

■ 52.0760, -25.6735,
-25.4997

■ 244.9680,
-38.4382, 8.7981

■ 31.6980, -15.6271,
-27.7991

■ 248.1600,
-26.2079, 5.9987

■ 20.5450, -10.1287,
-18.0180

■ 251.4660,

■ 0.0000, 0.0000,

-13.5407, 3.0993

0.0000

254.8860, -0.4368,
0.1000

■ 148.5180,
-66.3174, -9.2243

■ 148.5180,
-66.3174, -9.2243

■ 145.7260,
-71.8429, -10.2837

■ 152.0650,
-59.1920, -7.9500

■ 155.3130,
-51.9193, -7.2905

■ 158.8600,
-44.7940, -6.0162

■ 162.1080,
-37.5212, -5.3567

■ 165.6550,
-30.3959, -4.0824

■ 168.9030,
-23.1232, -3.4229

■ 172.4500,
-15.9979, -2.1487

■ 175.6980, -8.7251,
-1.4891

■ 179.2450, -1.5998,
-0.2149

Harmonies

Analogous

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



154.9160, -76.3736, 43.0467



148.5180, -66.3174, -9.2243



121.9210, -17.7091, -106.9247

Triad

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



148.5180, -66.3174, -9.2243



141.1870, 56.1098, -123.8210



152.0740, 11.7955, 90.2661

Complementary

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



148.5180, -66.3174, -9.2243



45.4820, 66.3174, 9.2243

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.



168.9130, 36.0319, 63.2203



148.5180, -66.3174, -9.2243



132.3820, 60.4507, -116.0990

Square

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



148.5180, -66.3174, -9.2243



141.4030, 41.7063, -124.0104



162.2580, 45.7218, -11.6273



149.0180, -20.2219, 92.9462

Rectangle

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



148.5180, -66.3174, -9.2243



129.6270, 1.6629, -113.6829



162.2580, 45.7218, -11.6273



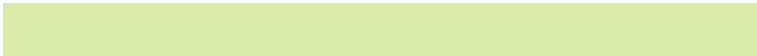
157.6310, 20.3949, 85.3926

Sweetspot

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



148.5180, -66.3174, -9.2243



222.3930, -26.3227, -3.8527



88.2880, -36.6240, 80.4314



109.4500, -15.9979, -2.1487



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



148.5180, -66.3174, -9.2243



190.2700, -93.8031, -13.3918



124.0000, -54.2300, -59.6360



87.3760, -3.6364, -0.3298



123.8970, -61.0812, -8.6797



20.9430, -10.3249, -1.7040

Inverse Universe

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



45.4820, 66.3174, 9.2243



44.4310, 93.9505, 12.7770



70.2990, 54.0826, 60.2508



81.9230, 3.4890, 0.9445



29.1030, 61.0812, 8.6797



4.7580, 10.4723, 1.0892

Previews

White Background



This preview shows how the YUV color 148.5180, -66.3174, -9.2243 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 148.5180, -66.3174, -9.2243 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 148.5180, -66.3174, -9.2243

Background



This preview shows how black text looks on a background with the YUV color 148.5180, -66.3174, -9.2243.



This preview shows how white text looks on a background with the YUV color 148.5180, -66.3174, -9.2243.

-9.2243.

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

148.5180, -66.3174, -9.2243

Protanopia

153.3550, -75.6040, 29.5067

Deuteranopia

158.3410, -60.8071, 43.5509



Tritanopia

164.7090, 8.0315, -9.3918

Trichromacy



Original Color

148.5180, -66.3174, -9.2243

Protanomaly

151.4780, -72.2137, 15.3668

Deuteranomaly

154.6500, -62.9315, 24.8629

Tritanomaly

158.8960, -19.1757, -9.5558

Monochromacy



Original Color

148.5180, -66.3174, -9.2243

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.6750, -23.9968, -3.2230

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.5180, -66.3174, -9.2243 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(138, 180, 14)` looks like.

```
.text, #text, p{  
    color:rgb(138, 180, 14)  
}
```

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(138, 180, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 180, 14) }
```

Border

The CSS property to change the border of an element to YUV 148.5180, -66.3174, -9.2243 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(138, 180, 14) }
```


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

```
.border{ border-color:rgb(138, 180, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 180, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 180, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 180, 14);  
box-shadow:4px 4px 4px 4px rgb(138, 180,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 148.5180, -66.3174, -9.2243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 180, 14) }
```

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

```
.background{ background-color: rgb(138,  
180, 14) }
```

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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