

Converting Colors

YUV(151.9030, -46.7872,
-20.0859)

Have a look what the booklet for
YUV(151.9030, -46.7872, -20.0859)
contains.

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Color

**YUV(151.9030, -46.7872,
-20.0859)**

Conversions

Conversions Part 1

Format	Color
Hex	81B639
RGB	129, 182, 57
RGB Percent	51%, 71%, 22%
CMY	0.4941, 0.2863, 0.7765
CMYK	0.29, 0.00, 0.69, 0.29
HSL	85°, 52%, 47%
HSV	85°, 69%, 71%
XYZ	26.5197, 38.4184, 9.8887
YIQ	151.9030, 8.5370, -50.1110

Conversions

Conversions Part 2

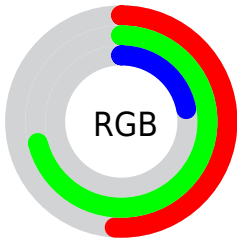
Format	Color
RYB	57, 182, 110
Decimal	8500793
CIELab	68.33, -36.76, 55.49
CIElCh	68, 66.564, 123.520
Yxy	38.4184, 0.3544, 0.5134
Android (android.graphics.Color)	4286690873 (0xFF81B639)
YUV	151.9030, -46.7872, -20.0859
Hunter-Lab	61.9826, -32.0970, 33.9287

Details

The YUV color **151.9030, -46.7872, -20.0859** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **87.0970, 46.7872, 20.0859**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.6750, -47.6608, -19.8860**, and **97.8490, -48.2396, -20.9156** is the 20% darker color. If you saturate the color by 10%, you get **147.4590, -53.4703, -23.2045**, and if you desaturate by 10%, it is **156.3470, -40.1041, -16.9673**.

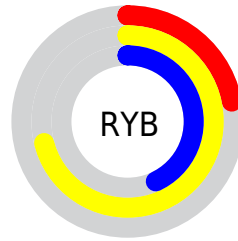
Distribution



Red (51%)

Green (71%)

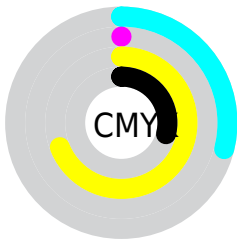
Blue (22%)



Red (22%)

Yellow (71%)

Blue (43%)

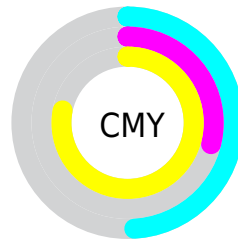


Cyan (29%)

Magenta (0%)

Yellow (69%)

Black (29%)



Cyan (49%)

Magenta (29%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.9030, -46.7872, -20.0859 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 151.9030, -46.7872, -20.0859 by changing the saturation by 10% instead.

■ 151.9030,
-46.7872, -20.0859

■ 151.9030,
-46.7872, -20.0859

■ 255.0000, 0.0000,
0.0000

■ 124.5610,
-48.0976, -19.7860

■ 207.6750,
-47.6608, -19.8860

■ 97.8490, -48.2396,
-20.9156

■ 229.4030,
-45.0617, -13.5084

■ 74.5140, -36.7354,
-24.1298

■ 241.1520,
-37.5429, 1.6207

■ 50.8580, -25.0730,
-31.4475

■ 248.0460,
-26.6447, 6.0987

■ 32.2850, -15.9165,
-28.3139

■ 251.2380,
-14.4143, 3.2993

■ 21.1320, -10.4181,
-18.5328

■ 254.5440, -1.7472,

■ 0.0000, 0.0000,

0.3999

0.0000

■ 151.9030,
-46.7872, -20.0859

■ 151.9030,
-46.7872, -20.0859

■ 147.4590,
-53.4703, -23.2045

■ 156.3470,
-40.1041, -16.9673

■ 143.3140,
-60.3008, -25.7084

■ 160.4920,
-33.2736, -14.4635

■ 138.7560,
-67.4207, -28.7270

■ 165.0500,
-26.1536, -11.4448

■ 138.2290,
-68.1469, -29.1418

■ 169.4940,
-19.4705, -8.3262

■ 173.9380,
-12.7874, -5.2076

■ 178.0830, -5.9569,
-2.7038

■ 182.5270, 0.7262,
0.4148

■ 187.0850, 7.8461,
3.4335

■ 191.2300, 14.6766,
5.9373

Harmonies

Analogous

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



157.8570, -63.5265, 29.0664



151.9030, -46.7872, -20.0859



124.6570, -7.2259, -109.3242

Triad

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



151.9030, -46.7872, -20.0859



138.8390, 57.2674, -121.7618



158.1090, 1.9183, 84.9734

Complementary

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



151.9030, -46.7872, -20.0859



87.0970, 46.7872, 20.0859

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.



170.0630, 25.1119, 65.7197



151.9030, -46.7872, -20.0859



129.4470, 61.8976, -113.5250

Square

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



151.9030, -46.7872, -20.0859



140.3260, 45.1953, -123.0659



168.8690, 42.4626, 7.1309



157.9540, -26.5993, 85.1093

Rectangle

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



151.9030, -46.7872, -20.0859



131.0920, 9.8146, -114.9677



168.8690, 42.4626, 7.1309



161.5630, 10.0754, 81.9442

Sweetspot

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



151.9030, -46.7872, -20.0859



225.0210, -18.7444, -7.9114



124.8990, -33.4742, 50.0776



112.6930, -11.1876, -4.9928



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



151.9030, -46.7872, -20.0859



190.3660, -72.6514, -31.0160



133.3650, -37.6479, -58.2021



89.7780, -3.3416, -1.5593



118.4820, -58.4116, -24.9787



21.2200, -10.4615, -4.5779

Inverse Universe

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



87.0970, 46.7872, 20.0859



89.6340, 72.6514, 31.0160



105.6350, 37.6479, 58.2021



85.2220, 3.3416, 1.5593



37.5180, 58.4116, 24.9787



6.7800, 10.4615, 4.5779

Previews

White Background



This preview shows how the YUV color 151.9030, -46.7872, -20.0859 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 151.9030, -46.7872, -20.0859 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 151.9030, -46.7872, -20.0859 Background



This preview shows how black text looks on a background with the YUV color 151.9030, -46.7872, -20.0859.



This preview shows how white text looks on a background with the YUV color 151.9030, -46.7872, -20.0859.

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

151.9030, -46.7872, -20.0859

Protanopia

159.0980, -52.3063, 23.5931

Deuteranopia

161.7500, -47.6977, 38.8073



Tritanopia

164.1210, 9.8003, -16.7691

Trichromacy



Original Color

151.9030, -46.7872, -20.0859

Protanomaly

156.4550, -50.5103, 7.4940

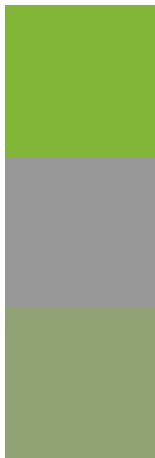
Deuteranomaly

158.3190, -47.4853, 17.2602

Tritanomaly

159.4310, -10.5655, -17.9180

Monochromacy



Original Color

151.9030, -46.7872, -20.0859

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.0750, -17.2920, -7.0818

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.9030, -46.7872, -20.0859 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(129, 182, 57)` looks like.

```
.text, #text, p{  
    color:rgb(129, 182, 57)  
}
```

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(129, 182, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 182, 57) }
```

Border

The CSS property to change the border of an element to YUV 151.9030, -46.7872, -20.0859 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(129, 182, 57) }
```


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

```
.border{ border-color:rgb(129, 182, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 182, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 182, 57); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 182, 57); box-shadow:4px 4px 4px 4px rgb(129, 182, 57) }
```

Background

The CSS property to change the background color of an element to YUV 151.9030, -46.7872, -20.0859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 182, 57) }
```

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

```
.background{ background-color: rgb(129,  
182, 57) }
```

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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