

Converting Colors

YUV(130.4900, 50.5374,
-16.2157)

Have a look what the booklet for
YUV(130.4900, 50.5374, -16.2157)
contains.

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Color

**YUV(130.4900, 50.5374,
-16.2157)**

Conversions

Conversions Part 1

Format	Color
Hex	7078E9
RGB	112, 120, 233
RGB Percent	44%, 47%, 91%
CMY	0.5608, 0.5294, 0.0863
CMYK	0.52, 0.48, 0.00, 0.09
HSL	236°, 73%, 68%
HSV	236°, 52%, 91%
XYZ	28.1065, 22.7609, 80.0027
YIQ	130.4900, -41.0410, 33.4470

Conversions

Conversions Part 2

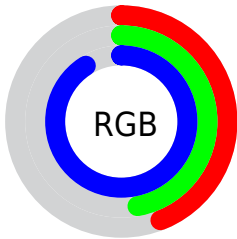
Format	Color
RYB	112, 120, 233
Decimal	7370985
CIELab	54.83, 27.83, -58.36
CIELCh	55, 64.658, 295.497
Yxy	22.7609, 0.2148, 0.1739
Android (android.graphics.Color)	4285561065 (0xFF7078E9)
YUV	130.4900, 50.5374, -16.2157
Hunter-Lab	47.7084, 21.6705, -66.0282

Details

The YUV color **130.4900, 50.5374, -16.2157** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **214.5100, -50.5374, 16.2157**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.1630, 36.4016, -8.9130**, and **76.9790, 48.8174, -24.5376** is the 20% darker color. If you saturate the color by 10%, you get **110.6990, 60.2944, -19.0300**, and if you desaturate by 10%, it is **150.2810, 40.7805, -13.4014**.

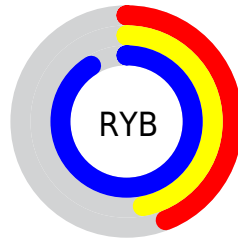
Distribution



Red (44%)

Green (47%)

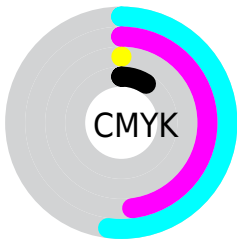
Blue (91%)



Red (44%)

Yellow (47%)

Blue (91%)

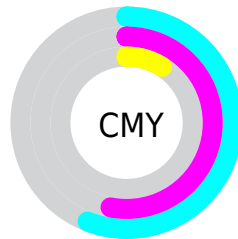


Cyan (52%)

Magenta (48%)

Yellow (0%)

Black (9%)



Cyan (56%)

Magenta (53%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.4900, 50.5374, -16.2157 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 130.4900, 50.5374, -16.2157 by changing the saturation by 10% instead.

■ 130.4900, 50.5374,
-16.2157

■ 130.4900, 50.5374,
-16.2157

255.0000, 0.0000,
0.0000

■ 103.5390, 49.5273,
-18.8897

■ 181.1630, 36.4016,
-8.9130

■ 76.9790, 48.8174,
-24.5376

■ 205.6830, 24.3133,
-4.9840

■ 46.3360, 50.6134,
-40.6367

■ 231.0890, 11.7881,
-0.9551

■ 31.0450, 45.3338,
-27.2265

■ 16.3410, 39.7649,
-14.3311

■ 10.6700, 30.7287,
-9.3576

■ 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 130.4900, 50.5374,
-16.2157

■ 130.4900, 50.5374,
-16.2157

■ 110.6990, 60.2944,
-19.0300

■ 150.2810, 40.7805,
-13.4014

■ 90.6090, 70.1988,
-22.4591

■ 170.3710, 30.8761,
-9.9724

■ 71.4050, 79.6663,
-25.7882

■ 189.5750, 21.4085,
-6.6433

■ 51.6140, 89.4233,
-28.6025

■ 209.3660, 11.6516,
-3.8290

■ 35.3670, 97.4331,
-31.0169

■ 229.4560, 1.7472,
-0.3999

■ 249.2470, -8.0098,
2.4144

■ 252.4920, -9.6096,
2.1995

Harmonies

Analogous

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



110.4690, 65.3378, -96.8813



130.4900, 50.5374, -16.2157



133.6310, 30.2549, 49.4356

Triad

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



130.4900, 50.5374, -16.2157



125.8600, -44.3010, 69.4058



105.3660, 7.7076, -92.4060

Complementary

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



130.4900, 50.5374, -16.2157



214.5100, -50.5374, 16.2157

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.



98.4990, -17.5010, -80.2446



130.4900, 50.5374, -16.2157



122.9980, -60.6380, 35.9588

Square

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



130.4900, 50.5374, -16.2157



124.4630, -18.4693, 90.8019



116.5430, -57.4557, -4.8612



112.4510, 32.3157, -98.6195

Rectangle

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



130.4900, 50.5374, -16.2157



128.4360, 16.0541, 77.6706



116.5430, -57.4557, -4.8612



102.4990, -0.7390, -89.8916

Sweetspot

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



130.4900, 50.5374, -16.2157



220.4350, 17.0405, -5.6435



195.9090, 14.3419, -73.5882



107.0240, 10.3412, -3.5290



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.



130.4900, 50.5374, -16.2157



120.8820, 66.1202, -20.9445



141.3420, 45.1874, 19.8711



107.2540, 4.8048, -1.0998



27.6780, 75.5877, -24.2736



8.5040, 22.4295, -7.4580

Inverse Universe

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



149.0910, -14.3419, 73.5882



145.3820, -18.9223, 96.1350



203.6580, -45.1874, -19.8711



109.2890, -1.6215, 6.7625



55.4870, -21.4391, 110.0749



16.6020, -6.2128, 32.7980

Previews

White Background



This preview shows how the YUV color 130.4900, 50.5374, -16.2157 looks on a white background.

Color Contrast Check

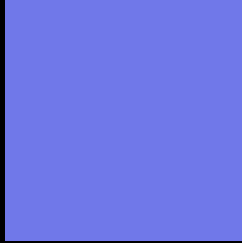
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.4900, 50.5374, -16.2157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

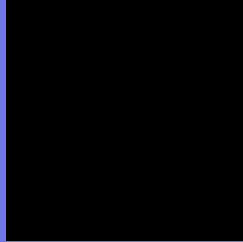
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.4900, 50.5374, -16.2157 Background



This preview shows how black text looks on a background with the YUV color 130.4900, 50.5374, -16.2157.



This preview shows how white text looks on a background with the YUV color 130.4900, 50.5374, -16.2157.

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

130.4900, 50.5374, -16.2157

Protanopia

124.0350, 57.1707, -43.8807

Deuteranopia

117.7460, 55.3412, -63.7982



Tritanopia

124.2220, 13.2016, -34.3977

Trichromacy



Original Color

130.4900, 50.5374, -16.2157

Protanomaly

126.1180, 54.6648, -33.4295

Deuteranomaly

122.1010, 53.6872, -46.5696

Tritanomaly

126.5230, 26.8572, -27.6457

Monochromacy



Original Color

130.4900, 50.5374, -16.2157

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.7770, 18.3509, -5.9434

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.4900, 50.5374, -16.2157 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(112, 120, 233)` looks like.

```
.text, #text, p{  
    color:rgb(112, 120, 233)  
}
```

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(112, 120, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 120, 233) }
```

Border

The CSS property to change the border of an element to YUV 130.4900, 50.5374, -16.2157 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(112, 120, 233) }
```


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

```
.border{ border-color:rgb(112, 120, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 120, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 120, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 120, 233); box-shadow:4px 4px 4px 4px rgb(112, 120, 233) }
```

Background

The CSS property to change the background color of an element to YUV 130.4900, 50.5374, -16.2157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 120, 233) }
```

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

```
.background{ background-color: rgb(112,  
120, 233) }
```

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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