

Converting Colors

YUV(166.5330, 24.8802,
-46.9484)

Have a look what the booklet for
YUV(166.5330, 24.8802, -46.9484)
contains.

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Color

**YUV(166.5330, 24.8802,
-46.9484)**

Conversions

Conversions Part 1

Format	Color
Hex	71B8D9
RGB	113, 184, 217
RGB Percent	44%, 72%, 85%
CMY	0.5569, 0.2784, 0.1490
CMYK	0.48, 0.15, 0.00, 0.15
HSL	199°, 58%, 65%
HSV	199°, 48%, 85%
XYZ	36.4749, 42.8014, 71.9847
YIQ	166.5330, -52.9090, -4.7890

Conversions

Conversions Part 2

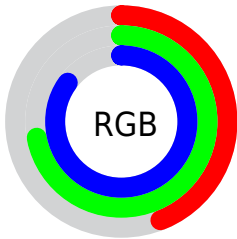
Format	Color
RYB	113, 155, 217
Decimal	7452889
CIELab	71.42, -13.46, -23.51
CIELCh	71, 27.088, 240.198
Yxy	42.8014, 0.2411, 0.2830
Android (android.graphics.Color)	4285642969 (0xFF71B8D9)
YUV	166.5330, 24.8802, -46.9484
Hunter-Lab	65.4228, -14.9715, -19.4408

Details

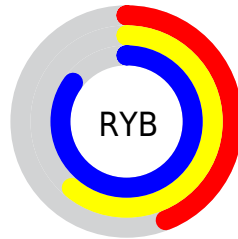
The YUV color **166.5330, 24.8802, -46.9484** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **163.4670, -24.8802, 46.9484**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.7800, 16.8705, -44.5341**, and **111.5110, 24.8911, -50.4371** is the 20% darker color. If you saturate the color by 10%, you get **155.8460, 30.1489, -56.8699**, and if you desaturate by 10%, it is **177.2200, 19.6115, -37.0269**.

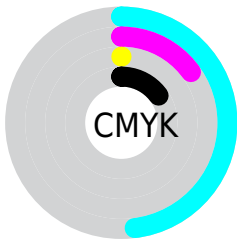
Distribution



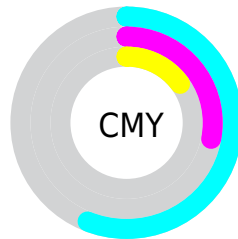
- Red (44%)
- Green (72%)
- Blue (85%)



- Red (44%)
- Yellow (61%)
- Blue (85%)



- Cyan (48%)
- Magenta (15%)
- Yellow (0%)
- Black (15%)



- Cyan (56%)
- Magenta (28%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.5330, 24.8802, -46.9484 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 166.5330, 24.8802, -46.9484 by changing the saturation by 10% instead.

■ 166.5330, 24.8802,
-46.9484

■ 166.5330, 24.8802,
-46.9484

■ 255.0000, 0.0000,
0.0000

■ 138.8210, 24.7382,
-48.0780

■ 220.7800, 16.8705,
-44.5341

■ 111.5110, 24.8911,
-50.4371

■ 238.2560, 8.2548,
-34.4275

■ 82.2110, 26.5180,
-58.9440

■ 246.9270, 3.9800,
-16.5990

■ 60.6740, 24.3177,
-53.2111

■ 43.8500, 20.7799,
-38.4565

■ 28.7870, 16.3740,
-25.2462

■ 11.7180, 14.4360,

-10.2767

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 166.5330, 24.8802,
-46.9484

■ 166.5330, 24.8802,
-46.9484

■ 155.8460, 30.1489,
-56.8699

■ 177.2200, 19.6115,
-37.0269

■ 145.4580, 35.2702,
-66.1767

■ 187.6080, 14.4903,
-27.7202

■ 134.7710, 40.5389,
-76.0982

■ 198.2950, 9.2216,
-17.7987

■ 124.0840, 45.8076,
-86.0197

■ 208.9820, 3.9529,
-7.8772

■ 113.9840, 50.7869,
-96.4560

■ 219.0820, -1.0264,
2.5591

■ 111.6140, 51.9553,
-97.8855

■ 229.4700, -6.1477,
11.8658

■ 237.1670, -9.9423,
15.6395

■ 241.2760,
-11.9681, 12.0359

■ 245.3850,
-13.9938, 8.4324

Harmonies

Analogous

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



162.9420, 17.7766, -55.2001



166.5330, 24.8802, -46.9484



172.4910, 25.3939, -24.9866

Triad

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



166.5330, 24.8802, -46.9484



178.6010, -1.2823, 38.0609



170.9290, -19.1920, -4.3227

Complementary

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



166.5330, 24.8802, -46.9484



163.4670, -24.8802, 46.9484

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.



173.6220, -23.4776, 16.9945



166.5330, 24.8802, -46.9484



177.5230, -13.0758, 40.7603

Square

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



166.5330, 24.8802, -46.9484



179.2000, 10.2544, 24.3806



175.7040, -21.0531, 32.7086



167.5440, -8.6492, -25.9101

Rectangle

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



166.5330, 24.8802, -46.9484



175.8030, 22.2821, -6.8432



175.7040, -21.0531, 32.7086



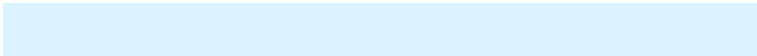
171.9900, -21.6871, 2.6398

Sweetspot

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



166.5330, 24.8802, -46.9484



237.7790, 8.4900, -16.4692



177.8100, -15.6823, -56.8384



117.3130, 5.2687, -9.9215



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.



166.5330, 24.8802, -46.9484



183.1590, 35.4176, -66.7914



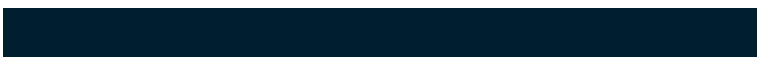
136.0090, 39.9286, -20.1789



104.3630, 2.7790, -4.7034



88.9880, 41.4179, -78.0425



23.4410, 11.1216, -20.5578

Inverse Universe

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



152.1900, 15.6823, 56.8384



162.7660, 22.3004, 80.8892



193.9910, -39.9286, 20.1789



103.0870, 1.4361, 6.0627



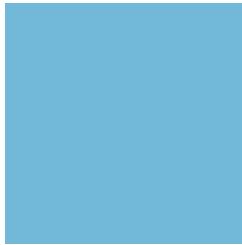
65.1790, 26.0408, 94.5590



17.2880, 6.7600, 25.1804

Previews

White Background



This preview shows how the YUV color 166.5330, 24.8802, -46.9484 looks on a white background.

Color Contrast Check

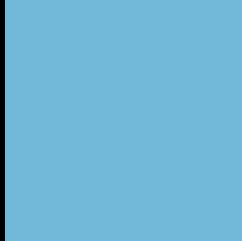
Large Text (above 18pt) WCAG AA × Fail

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 166.5330, 24.8802, -46.9484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

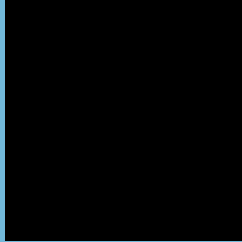
Any Text WCAG AA ✓ Pass

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 166.5330, 24.8802, -46.9484 Background



This preview shows how black text looks on a background with the YUV color 166.5330, 24.8802, -46.9484.



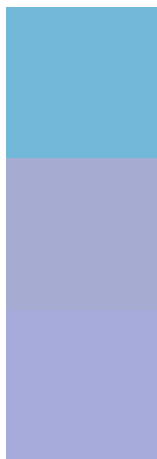
This preview shows how white text looks on a background with the YUV color 166.5330, 24.8802, -46.9484.

-46.9484.

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

166.5330, 24.8802, -46.9484

Protanopia

174.4240, 17.0460, -7.3878

Deuteranopia

175.3900, 21.9927, -7.3580



Tritanopia

165.0890, 18.1971, -50.0671

Trichromacy



Original Color

166.5330, 24.8802, -46.9484

Protanomaly

171.4330, 19.9995, -21.4277

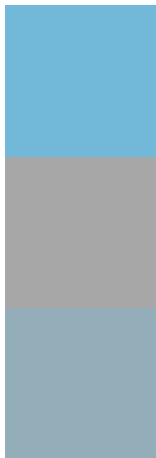
Deuteranomaly

172.2310, 23.0571, -22.1276

Tritanomaly

165.6700, 20.3757, -48.8226

Monochromacy



Original Color

166.5330, 24.8802, -46.9484

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.5940, 9.0742, -17.1839

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.5330, 24.8802, -46.9484 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(113, 184, 217)` looks like.

```
.text, #text, p{  
    color:rgb(113, 184, 217)  
}
```

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(113, 184, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 184, 217) }
```

Border

The CSS property to change the border of an element to YUV 166.5330, 24.8802, -46.9484 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(113, 184, 217) }
```


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

```
.border{ border-color:rgb(113, 184, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 184, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 184, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 184, 217);  
box-shadow:4px 4px 4px 4px rgb(113, 184,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 166.5330, 24.8802, -46.9484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 184, 217) }
```

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

```
.background{ background-color: rgb(113,  
184, 217) }
```

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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