

Converting Colors

YUV(166.4390, 30.8426,
-45.9890)

Have a look what the booklet for
YUV(166.4390, 30.8426, -45.9890)
contains.

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Color

**YUV(166.4390, 30.8426,
-45.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	72B5E5
RGB	114, 181, 229
RGB Percent	45%, 71%, 90%
CMY	0.5529, 0.2902, 0.1020
CMYK	0.50, 0.21, 0.00, 0.10
HSL	205°, 69%, 67%
HSV	205°, 50%, 90%
XYZ	37.6062, 42.2823, 80.3080
YIQ	166.4390, -55.3400, 0.7240

Conversions

Conversions Part 2

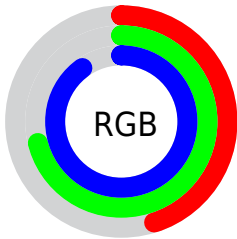
Format	Color
RYB	114, 156, 229
Decimal	7517669
CIELab	71.07, -8.22, -30.59
CIELCh	71, 31.674, 254.967
Yxy	42.2823, 0.2348, 0.2639
Android (android.graphics.Color)	4285707749 (0xFF72B5E5)
YUV	166.4390, 30.8426, -45.9890
Hunter-Lab	65.0248, -10.5606, -27.7079

Details

The YUV color **166.4390, 30.8426, -45.9890** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **176.5610, -30.8426, 45.9890**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.6170, 17.4438, -41.7601**, and **111.0040, 30.5640, -49.9925** is the 20% darker color. If you saturate the color by 10%, you get **153.6920, 37.1268, -54.9809**, and if you desaturate by 10%, it is **179.1860, 24.5583, -36.9971**.

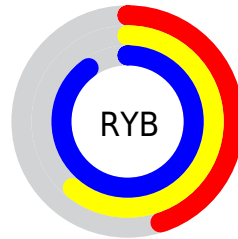
Distribution



Red (45%)

Green (71%)

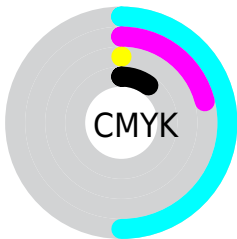
Blue (90%)



Red (45%)

Yellow (61%)

Blue (90%)

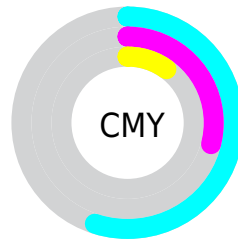


Cyan (50%)

Magenta (21%)

Yellow (0%)

Black (10%)



Cyan (55%)

Magenta (29%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.4390, 30.8426, -45.9890 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 166.4390, 30.8426, -45.9890 by changing the saturation by 10% instead.

■ 166.4390, 30.8426,
-45.9890

■ 166.4390, 30.8426,
-45.9890

■ 255.0000, 0.0000,
0.0000

■ 138.7270, 30.7006,
-47.1186

■ 219.6170, 17.4438,
-41.7601

■ 111.0040, 30.5640,
-49.9925

■ 238.8540, 7.9600,
-33.1980

■ 79.6110, 33.2228,
-62.8028

■ 247.5250, 3.6852,
-15.3694

■ 60.1670, 29.9907,
-52.7665

■ 44.4030, 25.4373,
-38.9414

■ 28.7530, 21.3208,
-25.2164

■ 12.0430, 18.2198,

-10.5617

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 166.4390, 30.8426,
-45.9890

■ 166.4390, 30.8426,
-45.9890

■ 153.6920, 37.1268,
-54.9809

■ 179.1860, 24.5583,
-36.9971

■ 141.5320, 43.1217,
-64.4876

■ 191.3460, 18.5634,
-27.4904

■ 128.7850, 49.4060,
-73.4794

■ 204.0930, 12.2792,
-18.4986

■ 116.6250, 55.4009,
-82.9861

■ 216.2530, 6.2843,
-8.9919

■ 104.1770, 61.5377,
-91.3632

■ 229.0000, 0.0000,
0.0000

■ 240.8610, -5.8475,
8.8919

■ 247.9270, -9.3310,
6.2030

■ 252.0360,
-11.3567, 2.5994

Harmonies

Analogous

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



158.6830, 27.2713, -67.2510



166.4390, 30.8426, -45.9890



174.0130, 27.1086, -14.9204

Triad

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



166.4390, 30.8426, -45.9890



177.4190, -8.5876, 47.8675



167.0090, -17.2594, -17.5479

Complementary

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



166.4390, 30.8426, -45.9890



176.5610, -30.8426, 45.9890

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.



170.8720, -26.0659, 7.1283



166.4390, 30.8426, -45.9890



175.5960, -20.5068, 44.2043

Square

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



166.4390, 30.8426, -45.9890



178.4360, 5.7011, 38.2056



173.4880, -26.8626, 29.3900



162.7420, -2.3378, -43.6237

Rectangle

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



166.4390, 30.8426, -45.9890



177.0650, 21.6600, 6.0820



173.4880, -26.8626, 29.3900



168.4400, -20.9229, -9.1559

Sweetspot

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



166.4390, 30.8426, -45.9890



234.2460, 10.2317, -15.1247



186.9770, -12.3137, -64.0008



115.2530, 6.2843, -8.9919



0.0000, 0.0000, 0.0000



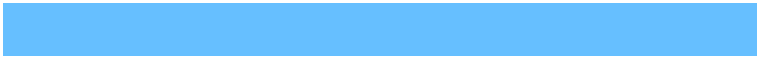
128.0000, 0.0000, 0.0000

Same Dimension

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



166.4390, 30.8426, -45.9890



171.6850, 41.0743, -61.1137



132.9800, 47.3379, -16.6455



108.4770, 3.2158, -4.8033



81.4540, 48.0902, -71.4352



23.4240, 13.5950, -20.5428

Inverse Universe

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



156.0230, 12.3137, 64.0008



157.8930, 16.3218, 85.1628



210.0200, -47.3379, 16.6455



107.3860, 1.2887, 6.6775



65.3770, 19.0411, 99.6474



18.6690, 5.5862, 28.3543

Previews

White Background



This preview shows how the YUV color 166.4390, 30.8426, -45.9890 looks on a white background.

Color Contrast Check

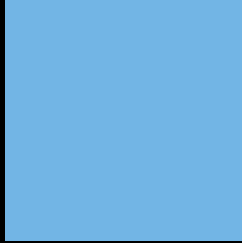
Large Text (above 18pt) WCAG AA × Fail

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 166.4390, 30.8426, -45.9890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

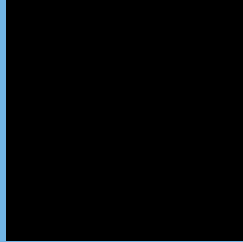
Any Text WCAG AA ✓ Pass

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 166.4390, 30.8426, -45.9890 Background



This preview shows how black text looks on a background with the YUV color 166.4390, 30.8426, -45.9890.



This preview shows how white text looks on a background with the YUV color 166.4390, 30.8426, -45.9890.

-45.9890.

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

166.4390, 30.8426, -45.9890

Protanopia

173.5250, 23.8982, -11.8614

Deuteranopia

173.9530, 28.1242, -13.9908



Tritanopia

163.4910, 18.4919, -51.2966

Trichromacy



Original Color

166.4390, 30.8426, -45.9890

Protanomaly

171.1320, 26.5569, -24.6718

Deuteranomaly

171.4030, 28.8883, -25.7864

Tritanomaly

164.3540, 22.9965, -49.4225

Monochromacy



Original Color

166.4390, 30.8426, -45.9890

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.8760, 11.4001, -16.5543

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.4390, 30.8426, -45.9890 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(114, 181, 229)` looks like.

```
.text, #text, p{  
    color:rgb(114, 181, 229)  
}
```

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(114, 181, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 181, 229) }
```

Border

The CSS property to change the border of an element to YUV 166.4390, 30.8426, -45.9890 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

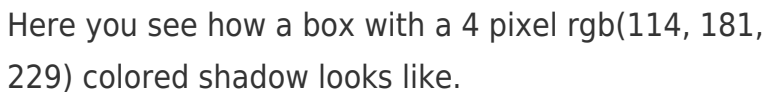
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 181, 229) }
```


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

```
.border{ border-color:rgb(114, 181, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(114, 181, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 181, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 181, 229);  
box-shadow:4px 4px 4px 4px rgb(114, 181,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 166.4390, 30.8426, -45.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 181, 229) }
```

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

```
.background{ background-color: rgb(114,  
181, 229) }
```

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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