

Converting Colors

YUV(166.4230, 28.3855,
-51.2370)

Have a look what the booklet for
YUV(166.4230, 28.3855, -51.2370)
contains.

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Color

**YUV(166.4230, 28.3855,
-51.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	6CB9E0
RGB	108, 185, 224
RGB Percent	42%, 73%, 88%
CMY	0.5765, 0.2745, 0.1216
CMYK	0.52, 0.17, 0.00, 0.12
HSL	200°, 65%, 65%
HSV	200°, 52%, 88%
XYZ	36.9878, 43.2679, 76.9231
YIQ	166.4230, -58.4110, -4.1950

Conversions

Conversions Part 2

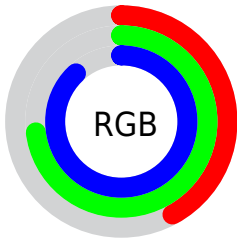
Format	Color
R _Y B	108, 154, 224
Decimal	7125472
CIE Lab	71.74, -13.13, -26.86
CIE LCh	72, 29.895, 243.944
Yxy	43.2679, 0.2353, 0.2753
Android (android.graphics.Color)	4285315552 (0xFF6CB9E0)
YUV	166.4230, 28.3855, -51.2370
Hunter-Lab	65.7783, -14.7396, -23.2906

Details

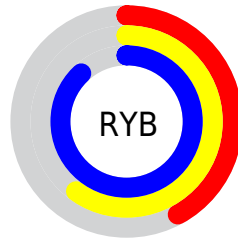
The YUV color **166.4230, 28.3855, -51.2370** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **165.5770, -28.3855, 51.2370**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.1710, 17.1707, -47.5080**, and **110.5040, 28.8385, -56.5700** is the 20% darker color. If you saturate the color by 10%, you get **155.1490, 33.9435, -60.6437**, and if you desaturate by 10%, it is **177.6970, 22.8274, -41.8303**.

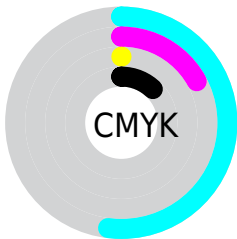
Distribution



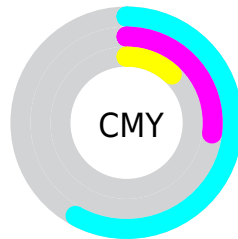
- Red (42%)
- Green (73%)
- Blue (88%)



- Red (42%)
- Yellow (60%)
- Blue (88%)



- Cyan (52%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)



- Cyan (58%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.4230, 28.3855, -51.2370 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 166.4230, 28.3855, -51.2370 by changing the saturation by 10% instead.

■ 166.4230, 28.3855,
-51.2370

■ 166.4230, 28.3855,
-51.2370

■ 255.0000, 0.0000,
0.0000

■ 138.4120, 28.3909,
-52.9813

■ 220.1710, 17.1707,
-47.5080

■ 110.5040, 28.8385,
-56.5700

■ 237.0600, 8.8444,
-36.8866

■ 78.9970, 31.0605,
-69.2804

■ 245.7310, 4.5696,
-19.0581

■ 61.3580, 26.9385,
-53.8110

■ 254.7010, 0.1474,
-0.6148

■ 45.1210, 23.1113,
-39.5711

■ 30.0580, 18.7054,
-26.3609

■ 14.0490, 15.7518,

-12.3210

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 166.4230, 28.3855,
-51.2370

■ 166.4230, 28.3855,
-51.2370

■ 155.1490, 33.9435,
-60.6437

■ 177.6970, 22.8274,
-41.8303

■ 144.1630, 39.3596,
-71.1800

■ 188.6830, 17.4113,
-31.2940

■ 132.8890, 44.9177,
-80.5867

■ 199.9570, 11.8532,
-21.8873

■ 121.9030, 50.3338,
-91.1229

■ 210.9430, 6.4371,
-11.3510

■ 112.9990, 54.7235,
-99.1001

■ 222.2170, 0.8790,
-1.9443

■ 232.9040, -4.3897,
7.9772

■ 241.4870, -8.6211,
11.8509

■ 245.5960,
-10.6468, 8.2473

■ 250.2920,
-12.9620, 4.1289

Harmonies

Analogous

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



161.5110, 21.4401, -63.5921



166.4230, 28.3855, -51.2370



173.7730, 27.7199, -24.3569

Triad

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



166.4230, 28.3855, -51.2370



179.1780, -3.0458, 43.6939



170.6790, -20.0547, -7.6115

Complementary

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



166.4230, 28.3855, -51.2370



165.5770, -28.3855, 51.2370

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.



173.9270, -26.0930, 15.8500



166.4230, 28.3855, -51.2370



177.9750, -15.2707, 44.7489

Square

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



166.4230, 28.3855, -51.2370



180.1190, 9.8013, 29.7136



176.3190, -23.8213, 33.9232



167.0270, -7.9013, -32.4727

Rectangle

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



166.4230, 28.3855, -51.2370



177.4550, 23.4397, -4.7840



176.3190, -23.8213, 33.9232



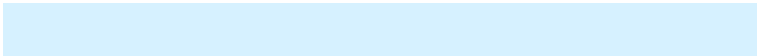
171.9250, -23.1340, 0.0658

Sweetspot

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



166.4230, 28.3855, -51.2370



234.5230, 10.0952, -17.9987



180.5380, -16.5342, -63.6158



115.2420, 6.2897, -10.7362



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.



166.4230, 28.3855, -51.2370



176.6470, 38.6280, -69.8504



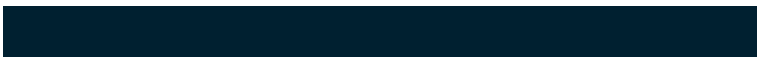
132.3770, 45.1701, -21.3786



106.3630, 2.7790, -4.7034



88.7430, 43.0177, -77.8276



24.2560, 11.7058, -21.2725

Inverse Universe

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



151.4620, 16.5342, 63.6158



156.2120, 22.5735, 86.6371



199.6230, -45.1701, 21.3786



105.0870, 1.4361, 6.0627



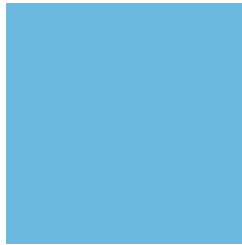
65.9620, 25.1617, 96.5033



18.0000, 6.9020, 26.3100

Previews

White Background



This preview shows how the YUV color 166.4230, 28.3855, -51.2370 looks on a white background.

Color Contrast Check

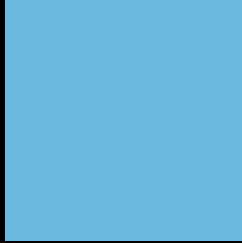
Large Text (above 18pt) WCAG AA × Fail

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 166.4230, 28.3855, -51.2370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

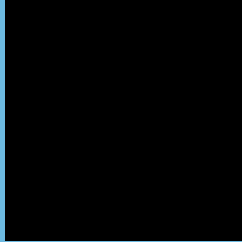
Any Text WCAG AA ✓ Pass

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 166.4230, 28.3855, -51.2370 Background



This preview shows how black text looks on a background with the YUV color 166.4230, 28.3855, -51.2370.



This preview shows how white text looks on a background with the YUV color 166.4230, 28.3855, -51.2370.

-51.2370.

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

166.4230, 28.3855, -51.2370

Protanopia

175.5100, 19.9616, -9.2173

Deuteranopia

175.8780, 25.2031, -10.4170



Tritanopia

164.3980, 19.5238, -55.6000

Trichromacy



Original Color

166.4230, 28.3855, -51.2370

Protanomaly

171.9210, 23.2099, -24.4867

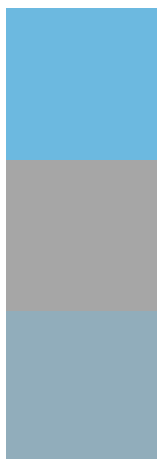
Deuteranomaly

172.7190, 26.2675, -25.1866

Tritanomaly

165.5060, 22.4285, -53.9408

Monochromacy



Original Color

166.4230, 28.3855, -51.2370

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.2240, 10.2426, -18.6134

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.4230, 28.3855, -51.2370 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(108, 185, 224)` looks like.

```
.text, #text, p{  
    color:rgb(108, 185, 224)  
}
```

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(108, 185, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 185, 224) }
```

Border

The CSS property to change the border of an element to YUV 166.4230, 28.3855, -51.2370 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(108, 185, 224) }
```


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

```
.border{ border-color:rgb(108, 185, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 185, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 185, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 185, 224);  
box-shadow:4px 4px 4px 4px rgb(108, 185,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 166.4230, 28.3855, -51.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 185, 224) }
```

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

```
.background{ background-color: rgb(108,  
185, 224) }
```

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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