

Converting Colors

YUV(166.2630, 24.5203,
-24.7867)

Have a look what the booklet for
YUV(166.2630, 24.5203, -24.7867)
contains.

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Color

**YUV(166.2630, 24.5203,
-24.7867)**

Conversions

Conversions Part 1

Format	Color
Hex	8AABD8
RGB	138, 171, 216
RGB Percent	54%, 67%, 85%
CMY	0.4588, 0.3294, 0.1529
CMYK	0.36, 0.21, 0.00, 0.15
HSL	215°, 50%, 69%
HSV	215°, 36%, 85%
XYZ	37.4388, 39.4870, 70.6143
YIQ	166.2630, -34.1130, 6.9990

Conversions

Conversions Part 2

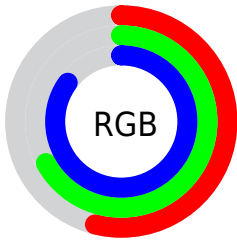
Format	Color
RYB	138, 161, 216
Decimal	9087960
CIELab	69.10, -0.30, -26.39
CIELCh	69, 26.391, 269.346
Yxy	39.4870, 0.2538, 0.2676
Android (android.graphics.Color)	4287278040 (0xFF8AABD8)
YUV	166.2630, 24.5203, -24.7867
Hunter-Lab	62.8387, -3.6186, -22.6394

Details

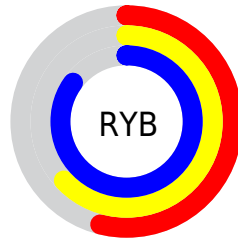
The YUV color **166.2630, 24.5203, -24.7867** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **187.7370, -24.5203, 24.7867**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.4390, 17.5316, -23.1870**, and **113.6220, 23.3574, -25.1015** is the 20% darker color. If you saturate the color by 10%, you get **152.6410, 31.2360, -32.1342**, and if you desaturate by 10%, it is **179.8850, 17.8047, -17.4391**.

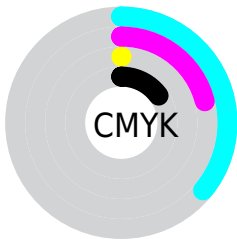
Distribution



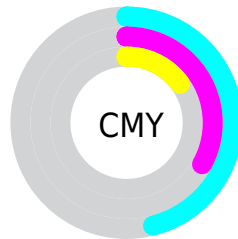
- Red (54%)
- Green (67%)
- Blue (85%)



- Red (54%)
- Yellow (63%)
- Blue (85%)



- Cyan (36%)
- Magenta (21%)
- Yellow (0%)
- Black (15%)



- Cyan (46%)
- Magenta (33%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.2630, 24.5203, -24.7867 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 166.2630, 24.5203, -24.7867 by changing the saturation by 10% instead.

■ 166.2630, 24.5203,
-24.7867

■ 166.2630, 24.5203,
-24.7867

■ 255.0000, 0.0000,
0.0000

■ 139.7360, 23.7942,
-25.2015

■ 219.4390, 17.5316,
-23.1870

■ 113.6220, 23.3574,
-25.1015

■ 245.1330, 4.8644,
-20.2876

■ 87.9100, 23.2154,
-26.2311

■ 253.8040, 0.5896,
-2.4591

■ 63.0730, 22.6420,
-29.0050

■ 38.4530, 22.9477,
-33.7233

■ 23.3900, 18.5417,
-20.5130

■ 6.2070, 16.1669,

-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 166.2630, 24.5203,
-24.7867

■ 166.2630, 24.5203,
-24.7867

■ 152.6410, 31.2360,
-32.1342

■ 179.8850, 17.8047,
-17.4391

■ 138.7310, 38.0936,
-38.3521

■ 193.7950, 10.9471,
-11.2212

■ 125.1090, 44.8093,
-45.6996

■ 207.4170, 4.2314,
-3.8737

■ 111.1990, 51.6669,
-51.9175

■ 221.3270, -2.6262,
2.3442

■ 97.5770, 58.3825,
-59.2650

■ 234.9490, -9.3419,
9.6917

■ 83.3680, 65.3876,
-66.0977

■ 245.2710,
-14.4306, 8.5323

■ 78.0410, 68.0138,
-68.4420

■ 250.5540,
-17.0351, 3.8991

Harmonies

Analogous

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



160.6040, 23.8592, -46.1337



166.2630, 24.5203, -24.7867



171.0490, 19.2028, 0.8340

Triad

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



166.2630, 24.5203, -24.7867



171.0390, -12.3442, 39.4308



161.8430, -8.7966, -25.2953

Complementary

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



166.2630, 24.5203, -24.7867



187.7370, -24.5203, 24.7867

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.



164.7550, -18.6132, -3.2931



166.2630, 24.5203, -24.7867



169.5190, -20.4689, 31.9938

Square

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



166.2630, 24.5203, -24.7867



172.0030, -0.9875, 36.8314



167.7360, -23.0408, 16.8945



158.4630, 4.2087, -43.3791

Rectangle

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



166.2630, 24.5203, -24.7867



172.0680, 13.7705, 16.6034



167.7360, -23.0408, 16.8945



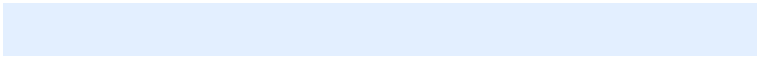
162.8610, -12.7495, -17.4181

Sweetspot

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



166.2630, 24.5203, -24.7867



237.2360, 8.7577, -8.9770



188.8020, -3.3534, -44.5534



117.0470, 5.3998, -5.3032



0.0000, 0.0000, 0.0000



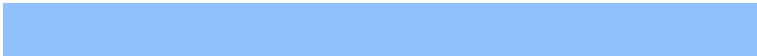
128.0000, 0.0000, 0.0000

Same Dimension

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



166.2630, 24.5203, -24.7867



185.1290, 34.4464, -35.1931



148.3870, 33.3332, -4.7244



100.1890, 3.3578, -3.6738



61.7580, 53.8563, -54.1618



15.4680, 13.5733, -13.5654

Inverse Universe

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



165.0840, 2.9166, 44.6533



183.2480, 4.3147, 62.9265



205.6130, -33.3332, 4.7244



99.8590, 0.5625, 6.2627



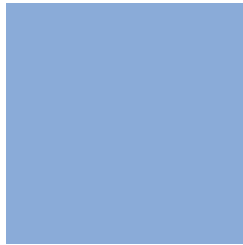
59.3370, 6.2429, 97.9285



14.9090, 1.5239, 24.6358

Previews

White Background



This preview shows how the YUV color 166.2630, 24.5203, -24.7867 looks on a white background.

Color Contrast Check

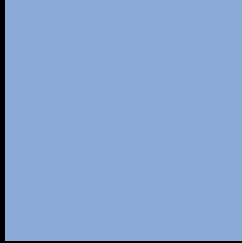
Large Text (above 18pt) WCAG AA × Fail

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 166.2630, 24.5203, -24.7867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

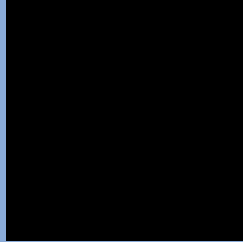
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.2630, 24.5203, -24.7867

Background



This preview shows how black text looks on a background with the YUV color 166.2630, 24.5203, -24.7867.

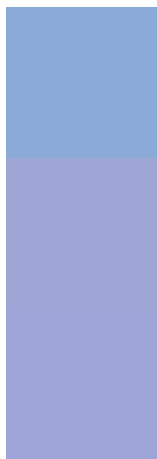


This preview shows how white text looks on a background with the YUV color 166.2630, 24.5203, -24.7867.

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

166.2630, 24.5203, -24.7867

Protanopia

168.6670, 21.8562, -10.2320

Deuteranopia

169.1340, 23.5979, -8.8875



Tritanopia

164.4400, 12.6011, -28.4499

Trichromacy



Original Color

166.2630, 24.5203, -24.7867

Protanomaly

167.8620, 22.7460, -15.6650

Deuteranomaly

167.9160, 24.1984, -14.8353

Tritanomaly

164.8900, 16.8162, -27.0905

Monochromacy



Original Color

166.2630, 24.5203, -24.7867

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.2360, 8.7577, -8.9770

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2630, 24.5203, -24.7867 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(138, 171, 216)` looks like.

```
.text, #text, p{  
    color:rgb(138, 171, 216)  
}
```

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(138, 171, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 171, 216) }
```

Border

The CSS property to change the border of an element to YUV 166.2630, 24.5203, -24.7867 is called "border".

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

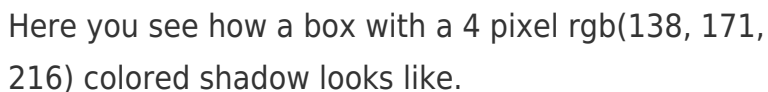
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 171, 216) }
```


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

```
.border{ border-color:rgb(138, 171, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 171, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 171, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 171, 216); box-shadow:4px 4px 4px 4px rgb(138, 171, 216) }
```

Background

The CSS property to change the background color of an element to YUV 166.2630, 24.5203, -24.7867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 171, 216) }
```

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

```
.background{ background-color: rgb(138,  
171, 216) }
```

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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