

Converting Colors

YUV(165.9230, 16.8000,
-21.8575)

Have a look what the booklet for
YUV(165.9230, 16.8000, -21.8575)
contains.

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Color

**YUV(165.9230, 16.8000,
-21.8575)**

Conversions

Conversions Part 1

Format	Color
Hex	8DACC8
RGB	141, 172, 200
RGB Percent	55%, 67%, 78%
CMY	0.4471, 0.3255, 0.2157
CMYK	0.29, 0.14, 0.00, 0.22
HSL	208°, 35%, 67%
HSV	208°, 29%, 78%
XYZ	36.1624, 39.3379, 60.3306
YIQ	165.9230, -27.4640, 2.1360

Conversions

Conversions Part 2

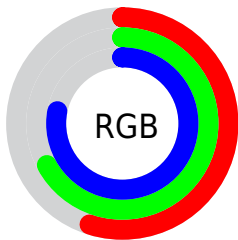
Format	Color
RYB	141, 161, 200
Decimal	9284808
CIELab	69.00, -4.05, -17.73
CIELCh	69, 18.183, 257.121
Yxy	39.3379, 0.2662, 0.2896
Android (android.graphics.Color)	4287474888 (0xFF8DACC8)
YUV	165.9230, 16.8000, -21.8575
Hunter-Lab	62.7199, -6.8424, -13.1274

Details

The YUV color $165.9230, 16.8000, -21.8575$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $175.0770, -16.8000, 21.8575$, and the grayscale version is $166.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $220.9230, 16.8000, -21.8575$, and $113.6950, 15.9264, -21.6575$ is the 20% darker color. If you saturate the color by 10%, you get $154.6600, 22.3526, -29.5198$, and if you desaturate by 10%, it is $177.1860, 11.2473, -14.1951$.

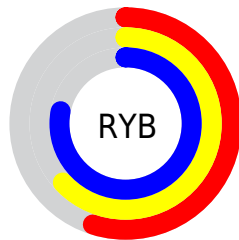
Distribution



Red (55%)

Green (67%)

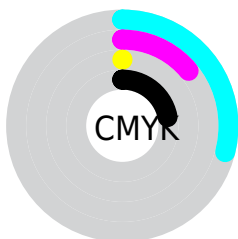
Blue (78%)



Red (55%)

Yellow (63%)

Blue (78%)

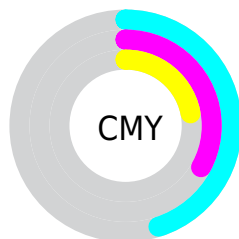


Cyan (29%)

Magenta (14%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.9230, 16.8000, -21.8575 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 165.9230, 16.8000, -21.8575 by changing the saturation by 10% instead.

■ 165.9230, 16.8000,
-21.8575

■ 165.9230, 16.8000,
-21.8575

■ 255.0000, 0.0000,
0.0000

■ 139.2220, 16.6526,
-21.2427

■ 220.9230, 16.8000,
-21.8575

■ 113.6950, 15.9264,
-21.6575

■ 245.7310, 4.5696,
-19.0581

■ 88.5810, 15.4896,
-21.5575

■ 254.4020, 0.2948,
-1.2296

■ 64.7550, 14.9108,
-22.5871

■ 40.2600, 15.6478,
-25.6610

■ 22.0220, 13.3002,
-19.3133

■ 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 165.9230, 16.8000,
-21.8575

■ 165.9230, 16.8000,
-21.8575

■ 154.6600, 22.3526,
-29.5198

■ 177.1860, 11.2473,
-14.1951

■ 142.8100, 28.1947,
-36.6674

■ 189.0360, 5.4053,
-7.0476

■ 131.5470, 33.7473,
-44.3297

■ 200.2990, -0.1474,
0.6148

■ 119.6970, 39.5894,
-51.4773

■ 212.1490, -5.9895,
7.7623

■ 108.4340, 45.1420,
-59.1396

■ 223.4120,
-11.5421, 15.4247

■ 96.5840, 50.9841,
-66.2872

■ 233.4680,
-16.4997, 18.8836

■ 85.3210, 56.5367,
-73.9495

■ 238.7510,
-19.1042, 14.2504

■ 84.4350, 56.9735,
-74.0495

■ 244.6210,
-21.9982, 9.1024

■ 248.7300,
-24.0239, 5.4988

Harmonies

Analogous

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



163.1730, 14.2117, -31.7237



165.9230, 16.8000, -21.8575



169.2670, 15.1514, -6.3732

Triad

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



165.9230, 16.8000, -21.8575



170.9820, -5.9071, 28.0798



164.8170, -9.2768, -11.2405

Complementary

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



165.9230, 16.8000, -21.8575



175.0770, -16.8000, 21.8575

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.



166.5370, -14.5617, 3.9141



165.9230, 16.8000, -21.8575



169.9510, -12.3008, 25.4760

Square

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



165.9230, 16.8000, -21.8575



171.7130, 2.1135, 22.1767



168.6850, -15.6207, 16.9393



162.5040, -1.2345, -24.1210

Rectangle

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



165.9230, 16.8000, -21.8575



170.5350, 12.0612, 4.7928



168.6850, -15.6207, 16.9393



165.2800, -11.4770, -5.5076

Sweetspot

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



165.9230, 16.8000, -21.8575



241.6660, 6.5737, -8.4771



178.8250, -4.8437, -33.1725



119.4060, 4.2368, -5.6181



0.0000, 0.0000, 0.0000



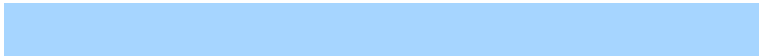
128.0000, 0.0000, 0.0000

Same Dimension

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



165.9230, 16.8000, -21.8575



203.7350, 25.2736, -33.0936



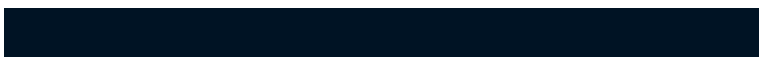
148.9000, 25.1923, -6.9283



93.9610, 2.4842, -3.4738



69.0640, 46.3104, -60.5691



15.2570, 10.2263, -13.3804

Inverse Universe

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



162.1750, 4.8437, 33.1725



197.9690, 7.4103, 50.0162



192.1000, -25.1923, 6.9283



93.2610, 0.8573, 5.0331



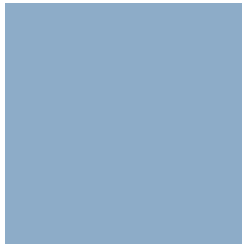
58.5410, 13.5373, 91.6105



12.9300, 2.9925, 20.2324

Previews

White Background



This preview shows how the YUV color 165.9230, 16.8000, -21.8575 looks on a white background.

Color Contrast Check

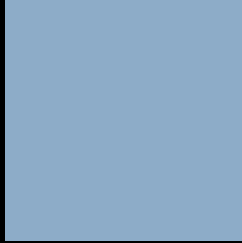
Large Text (above 18pt) WCAG AA × Fail

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 165.9230, 16.8000, -21.8575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

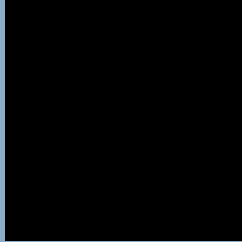
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

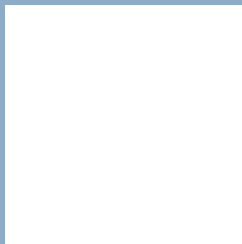
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 165.9230, 16.8000, -21.8575

Background



This preview shows how black text looks on a background with the YUV color 165.9230, 16.8000, -21.8575.



This preview shows how white text looks on a background with the YUV color 165.9230, 16.8000, -21.8575.

-21.8575.

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

165.9230, 16.8000, -21.8575

Protanopia

168.8110, 13.4042, -5.9732

Deuteranopia

169.5280, 16.0087, -1.3401



Tritanopia

164.8320, 11.4218, -23.5317

Trichromacy



Original Color

165.9230, 16.8000, -21.8575

Protanomaly

167.7070, 14.4414, -12.0210

Deuteranomaly

168.1850, 16.1778, -8.9322

Tritanomaly

165.0000, 13.3110, -22.8020

Monochromacy



Original Color

165.9230, 16.8000, -21.8575

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.8510, 5.9895, -7.7623

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.9230, 16.8000, -21.8575 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(141, 172, 200)` looks like.

```
.text, #text, p{  
    color:rgb(141, 172, 200)  
}
```

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(141, 172, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 172, 200) }
```

Border

The CSS property to change the border of an element to YUV 165.9230, 16.8000, -21.8575 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(141, 172, 200) }
```


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

```
.border{ border-color:rgb(141, 172, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 172, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 172, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 172, 200);  
box-shadow:4px 4px 4px 4px rgb(141, 172,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 165.9230, 16.8000, -21.8575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 172, 200) }
```

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

```
.background{ background-color: rgb(141,  
172, 200) }
```

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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