

Converting Colors

YUV(203.2160, 22.5715,
-6.3284)

Have a look what the booklet for
YUV(203.2160, 22.5715, -6.3284)
contains.

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Color

**YUV(203.2160, 22.5715,
-6.3284)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C6F9
RGB	196, 198, 249
RGB Percent	77%, 78%, 98%
CMY	0.2314, 0.2235, 0.0235
CMYK	0.21, 0.20, 0.00, 0.02
HSL	238°, 82%, 87%
HSV	238°, 21%, 98%
XYZ	60.0579, 58.9635, 97.8382
YIQ	203.2160, -17.5630, 15.4370

Conversions

Conversions Part 2

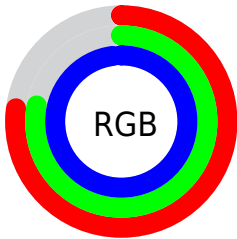
Format	Color
RYB	196, 198, 249
Decimal	12895993
CIELab	81.27, 9.78, -25.29
CIELCh	81, 27.112, 291.150
Yxy	58.9635, 0.2769, 0.2719
Android (android.graphics.Color)	4291086073 (0xFFC4C6F9)
YUV	203.2160, 22.5715, -6.3284
Hunter-Lab	76.7877, 5.2317, -21.7924

Details

The YUV color $203.2160, 22.5715, -6.3284$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $241.7840, -22.5715, 6.3284$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4020, 0.2948, -1.2296$, and $148.5750, 21.4085, -6.6433$ is the 20% darker color. If you saturate the color by 10%, you get $181.6530, 33.2021, -9.3427$, and if you desaturate by 10%, it is $224.7790, 11.9410, -3.3142$.

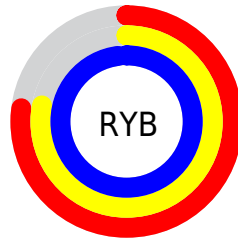
Distribution



Red (77%)

Green (78%)

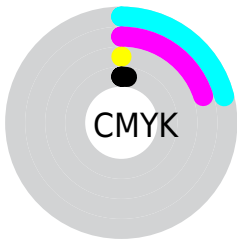
Blue (98%)



Red (77%)

Yellow (78%)

Blue (98%)

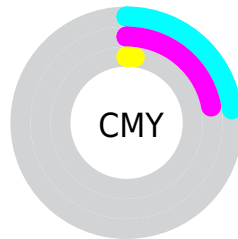


Cyan (21%)

Magenta (20%)

Yellow (0%)

Black (2%)



Cyan (23%)

Magenta (22%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.2160, 22.5715, -6.3284 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 203.2160, 22.5715, -6.3284 by changing the saturation by 10% instead.

■ 203.2160, 22.5715,
-6.3284

■ 203.2160, 22.5715,
-6.3284

255.0000, 0.0000,
0.0000

■ 175.6890, 21.8453,
-6.7433

254.4020, 0.2948,
-1.2296

■ 148.5750, 21.4085,
-6.6433

■ 123.0480, 20.6823,
-7.0581

■ 97.9340, 20.2455,
-6.9581

■ 73.4070, 19.5193,
-7.3729

■ 50.4670, 18.5038,
-8.3026

■ 28.6300, 17.9304,

-11.0765

■ 4.9020, 18.7823,
-4.2991

■ 2.9810, 8.8834,
-2.6143

■ 203.2160, 22.5715,
-6.3284

■ 203.2160, 22.5715,
-6.3284

■ 181.6530, 33.2021,
-9.3427

■ 224.7790, 11.9410,
-3.3142

■ 160.0900, 43.8326,
-12.3569

■ 246.3420, 1.3104,
-0.2999

■ 138.5270, 54.4632,
-15.3712

■ 254.3160, -2.6208,
0.5999

■ 116.9640, 65.0937,
-18.3854

■ 95.7000, 75.5769,
-20.7849

■ 74.1370, 86.2075,
-23.7991

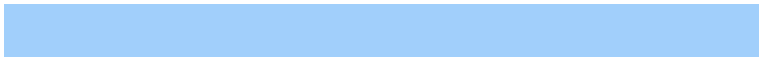
■ 52.5740, 96.8380,
-26.8134

■ 33.6690, 106.1582,
-29.5277

Harmonies

Analogous

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



198.2620, 25.9998, -32.6788



203.2160, 22.5715, -6.3284



206.0790, 13.7651, 18.3477

Triad

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



203.2160, 22.5715, -6.3284



203.9650, -20.1957, 37.7417



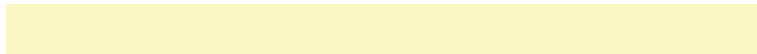
192.4480, 0.2721, -40.7349

Complementary

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



203.2160, 22.5715, -6.3284



241.7840, -22.5715, 6.3284

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.



195.4370, -13.0334, -19.6772



203.2160, 22.5715, -6.3284



201.7260, -24.5149, 23.0423

Square

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



203.2160, 22.5715, -6.3284



205.0440, -9.8817, 42.9344



198.8760, -22.1239, 2.7397



190.3290, 14.1348, -53.7855

Rectangle

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



203.2160, 22.5715, -6.3284



206.5060, 6.1595, 31.1282



198.8760, -22.1239, 2.7397



193.3410, -4.1121, -34.5021

Sweetspot

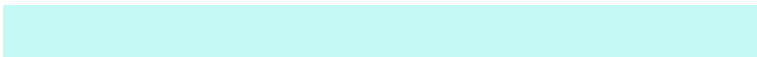
The Sweet Spot groups the original color and five complimentary colors.



203.2160, 22.5715, -6.3284



241.7100, 6.5520, -1.4997



232.8110, 6.5022, -32.2832



120.0260, 3.9312, -0.8998



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.



203.2160, 22.5715, -6.3284



197.6980, 28.2499, -7.6281



209.2180, 19.6125, 9.4558



114.0690, 5.3890, -1.8145



25.6550, 80.5291, -22.4994



8.1280, 26.0659, -7.1283

Inverse Universe

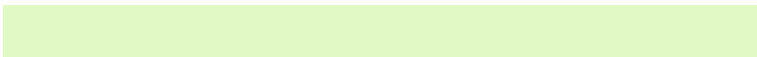
The Inverse Universe completely reimagines the original color for something new.



212.0750, -6.9390, 32.3832



208.9620, -8.8553, 40.3753



235.7820, -19.6125, -9.4558



116.0010, -1.4795, 7.8921



57.3090, -24.8023, 115.4930



18.4670, -8.1182, 37.3014

Previews

White Background



This preview shows how the YUV color 203.2160, 22.5715, -6.3284 looks on a white background.

Color Contrast Check

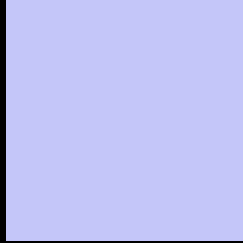
Large Text (above 18pt) WCAG AA × Fail

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 203.2160, 22.5715, -6.3284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

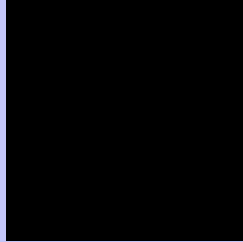
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.2160, 22.5715, -6.3284

Background



This preview shows how black text looks on a background with the YUV color 203.2160, 22.5715, -6.3284.



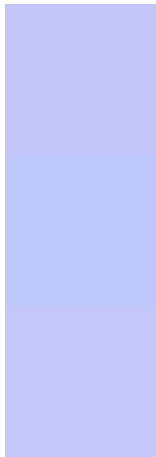
This preview shows how white text looks on a background with the YUV color 203.2160, 22.5715, -6.3284.

-6.3284.

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

203.2160, 22.5715, -6.3284

Protanopia

202.7100, 23.3140, -11.1467

Deuteranopia

203.5150, 22.4241, -5.7137



Tritanopia

200.9370, 8.9051, -9.5917

Trichromacy



Original Color

203.2160, 22.5715, -6.3284

Protanomaly

202.7210, 23.3085, -9.4023

Deuteranomaly

203.5150, 22.4241, -5.7137

Tritanomaly

201.6150, 13.9938, -8.4324

Monochromacy



Original Color

203.2160, 22.5715, -6.3284

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.8670, 8.4466, -2.5144

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.2160, 22.5715, -6.3284 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(196, 198, 249)` looks like.

```
.text, #text, p{  
    color:rgb(196, 198, 249)  
}
```

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(196, 198, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 198, 249) }
```

Border

The CSS property to change the border of an element to YUV 203.2160, 22.5715, -6.3284 is called "border". The border property can be set on classes, ids or directly on the HTML element.

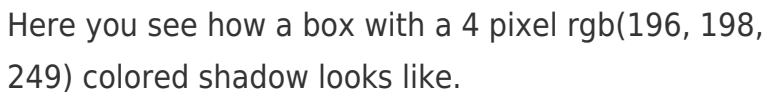
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 198, 249) }
```


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

```
.border{ border-color:rgb(196, 198, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 198, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 198, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 198, 249); box-shadow:4px 4px 4px 4px rgb(196, 198, 249) }
```

Background

The CSS property to change the background color of an element to YUV 203.2160, 22.5715, -6.3284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 198, 249) }
```

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

```
.background{ background-color: rgb(196,  
198, 249) }
```

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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