

Converting Colors

YUV(159.0430, 21.6708, 2.5933)

Have a look what the booklet for
YUV(159.0430, 21.6708, 2.5933)
contains.

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Color

**YUV(159.0430, 21.6708,
2.5933)**

Conversions

Conversions Part 1

Format	Color
Hex	A295CB
RGB	162, 149, 203
RGB Percent	64%, 58%, 80%
CMY	0.3647, 0.4157, 0.2039
CMYK	0.20, 0.27, 0.00, 0.20
HSL	254°, 34%, 69%
HSV	254°, 27%, 80%
XYZ	36.4272, 33.4881, 61.0438
YIQ	159.0430, -9.5860, 19.5500

Conversions

Conversions Part 2

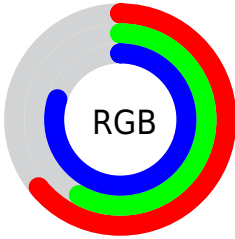
Format	Color
R_{YB}	162, 149, 203
Decimal	10655179
CIE _{Lab}	64.55, 15.97, -26.03
CIE _{LCh}	65, 30.538, 301.537
Yxy	33.4881, 0.2782, 0.2557
Android (android.graphics.Color)	4288845259 (0xFFA295CB)
YUV	159.0430, 21.6708, 2.5933
Hunter-Lab	57.8689, 11.0914, -22.0347

Details

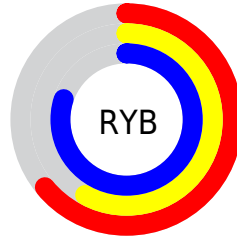
The YUV color **159.0430, 21.6708, 2.5933** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **192.9570, -21.6708, -2.5933**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1140, 20.6498, 3.4080**, and **107.1030, 20.6552, 1.6637** is the 20% darker color. If you saturate the color by 10%, you get **142.8180, 29.6697, 3.6676**, and if you desaturate by 10%, it is **175.2680, 13.6719, 1.5190**.

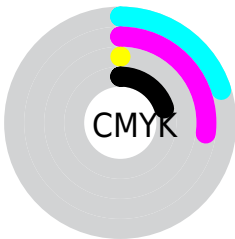
Distribution



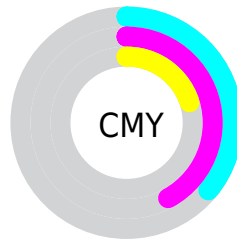
- Red (64%)
- Green (58%)
- Blue (80%)



- Red (64%)
- Yellow (58%)
- Blue (80%)



- Cyan (20%)
- Magenta (27%)
- Yellow (0%)
- Black (20%)



- Cyan (36%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.0430, 21.6708, 2.5933 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 159.0430, 21.6708, 2.5933 by changing the saturation by 10% instead.

■ 159.0430, 21.6708,
2.5933

■ 159.0430, 21.6708,
2.5933

■ 255.0000, 0.0000,
0.0000

■ 132.5160, 20.9446,
2.1785

■ 213.1140, 20.6498,
3.4080

■ 107.1030, 20.6552,
1.6637

■ 238.2210, 8.2720,
6.8222

■ 82.5760, 19.9290,
1.2488

■ 59.6360, 18.9135,
0.3192

■ 37.1090, 18.1873,
-0.0956

■ 14.9950, 17.7505,
0.0044

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 159.0430, 21.6708,
2.5933

■ 159.0430, 21.6708,
2.5933

■ 142.8180, 29.6697,
3.6676

■ 175.2680, 13.6719,
1.5190

■ 125.7070, 38.1054,
4.6420

■ 192.3790, 5.2362,
0.5446

■ 109.4820, 46.1044,
5.7163

■ 208.6040, -2.7628,
-0.5297

■ 92.9580, 54.2507,
6.1758

■ 225.1280,
-10.9091, -0.9893

■ 76.7330, 62.2496,
7.2502

■ 241.9400,
-19.1974, -2.5784

■ 59.9210, 70.5379,
8.8393

■ 248.7730,
-22.5661, 4.5841

■ 43.3970, 78.6843,
9.2988

■ 249.0720,
-22.7135, 5.1989

■ 37.7930, 81.4471,
9.8285

Harmonies

Analogous

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



153.8650, 28.1676, -27.9456



159.0430, 21.6708, 2.5933



160.4500, 11.1172, 27.6694

Triad

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



159.0430, 21.6708, 2.5933



157.0310, -23.6793, 35.0528



142.4940, 7.1515, -53.9302

Complementary

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



159.0430, 21.6708, 2.5933



192.9570, -21.6708, -2.5933

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.



147.8100, -8.7803, -30.5284



159.0430, 21.6708, 2.5933



154.6390, -25.9510, 16.9796

Square

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



159.0430, 21.6708, 2.5933



158.2030, -14.3971, 44.5490



151.4620, -20.9338, -5.6672



140.1900, 21.5983, -67.6956

Rectangle

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



159.0430, 21.6708, 2.5933



160.5240, 2.2067, 39.0055



151.4620, -20.9338, -5.6672



144.4580, 1.7462, -46.8827

Sweetspot

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



159.0430, 21.6708, 2.5933



238.7750, 7.9989, 1.0743



179.2230, 11.7221, -26.5056



117.3790, 5.2362, 0.5446



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.



159.0430, 21.6708, 2.5933



188.3280, 32.8693, 4.0973



167.1160, 17.6908, 19.1923



93.7380, 4.0732, 0.2298



30.8840, 66.6122, 7.9947



7.0230, 15.2717, 1.7338

Inverse Universe

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



169.8200, 9.9487, 29.0989



204.5860, 14.9941, 44.2131



184.8840, -17.6908, -19.1923



95.9020, 2.0203, 5.3479



63.9980, 30.5670, 89.4558



14.6680, 7.0657, 20.4622

Previews

White Background



This preview shows how the YUV color 159.0430, 21.6708, 2.5933 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 159.0430, 21.6708, 2.5933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

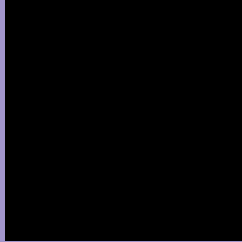
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.0430, 21.6708, 2.5933

Background



This preview shows how black text looks on a background with the YUV color 159.0430, 21.6708, 2.5933.



This preview shows how white text looks on a background with the YUV color 159.0430, 21.6708,

2.5933.

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

159.0430, 21.6708, 2.5933

Protanopia

157.0410, 24.6298, -13.1910

Deuteranopia

157.6780, 21.8507, -8.4876



Tritanopia

157.3680, 5.2416, -1.1997

Trichromacy



Original Color

159.0430, 21.6708, 2.5933

Protanomaly

157.8460, 23.7399, -7.7579

Deuteranomaly

157.9990, 21.6925, -4.3841

Tritanomaly

157.6870, 11.4933, 0.2745

Monochromacy



Original Color

159.0430, 21.6708, 2.5933

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.7750, 7.9989, 1.0743

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.0430, 21.6708, 2.5933 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(162, 149, 203)` looks like.

```
.text, #text, p{  
    color:rgb(162, 149, 203)  
}
```

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(162, 149, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 149, 203) }
```

Border

The CSS property to change the border of an element to YUV 159.0430, 21.6708, 2.5933 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(162, 149, 203) }
```


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

```
.border{ border-color:rgb(162, 149, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 149, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 149, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 149, 203);  
box-shadow:4px 4px 4px 4px rgb(162, 149,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 159.0430, 21.6708, 2.5933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 149, 203) }
```

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

```
.background{ background-color: rgb(162,  
149, 203) }
```

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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