

Converting Colors

YUV(191.0430, 21.6708, 2.5933)

Have a look what the booklet for
YUV(191.0430, 21.6708, 2.5933)
contains.

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Color

**YUV(191.0430, 21.6708,
2.5933)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B5EB
RGB	194, 181, 235
RGB Percent	76%, 71%, 92%
CMY	0.2392, 0.2902, 0.0784
CMYK	0.17, 0.23, 0.00, 0.08
HSL	254°, 57%, 82%
HSV	254°, 23%, 92%
XYZ	53.7674, 50.5152, 85.5138
YIQ	191.0430, -9.5860, 19.5500

Conversions

Conversions Part 2

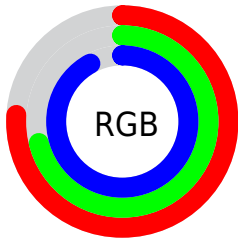
Format	Color
RYB	194, 181, 235
Decimal	12760555
CIELab	76.38, 15.31, -25.24
CIElCh	76, 29.523, 301.241
Yxy	50.5152, 0.2833, 0.2662
Android (android.graphics.Color)	4290950635 (0xFFC2B5EB)
YUV	191.0430, 21.6708, 2.5933
Hunter-Lab	71.0741, 10.6553, -21.5838

Details

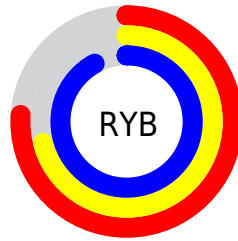
The YUV color **191.0430, 21.6708, 2.5933** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **224.9570, -21.6708, -2.5933**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.2380, 5.7987, 6.8073**, and **137.4020, 20.5078, 2.2784** is the 20% darker color. If you saturate the color by 10%, you get **172.1600, 30.9801, 3.3677**, and if you desaturate by 10%, it is **210.5130, 12.0721, 1.3041**.

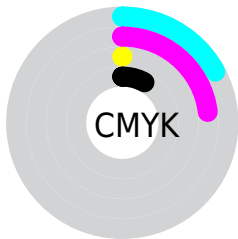
Distribution



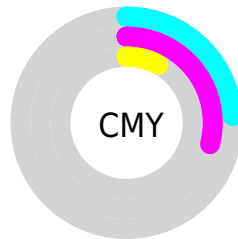
- Red (76%)
- Green (71%)
- Blue (92%)



- Red (76%)
- Yellow (71%)
- Blue (92%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)
- Black (8%)



- Cyan (24%)
- Magenta (29%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.0430, 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 191.0430, 21.6708, 2.5933 by changing the saturation by 10% instead.

■ 191.0430, 21.6708,
2.5933

■ 191.0430, 21.6708,
2.5933

255.0000, 0.0000,
0.0000

■ 163.9290, 21.2340,
2.6933

■ 243.2380, 5.7987,
6.8073

■ 137.4020, 20.5078,
2.2784

■ 111.8750, 19.7816,
1.8636

■ 87.3480, 19.0554,
1.4488

■ 63.5220, 18.4767,
0.4192

■ 41.5820, 17.4611,
-0.5104

■ 19.7560, 16.8823,

-1.5400

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 191.0430, 21.6708,
2.5933

■ 191.0430, 21.6708,
2.5933

■ 172.1600, 30.9801,
3.3677

■ 210.5130, 12.0721,
1.3041

■ 152.6900, 40.5788,
4.6569

■ 229.3960, 2.7628,
0.5297

■ 133.8070, 49.8881,
5.4313

■ 248.8660, -6.8359,
-0.7595

■ 114.6360, 59.3395,
7.3352

■ 252.7200, -8.7360,
1.9996

■ 95.7530, 68.6488,
8.1096

■ 76.2830, 78.2475,
9.3988

■ 57.4000, 87.5568,
10.1732

■ 43.8330, 94.2453,
11.5475

Harmonies

Analogous

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



186.3490, 27.4359, -26.6161



191.0430, 21.6708, 2.5933



192.4500, 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.



191.0430, 21.6708, 2.5933



189.3300, -23.8267, 35.6676



176.5760, 6.1250, -51.3712

Complementary

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



191.0430, 21.6708, 2.5933



224.9570, -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.



179.9950, -9.3645, -29.8136



191.0430, 21.6708, 2.5933



186.9380, -26.0984, 17.5944

Square

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



191.0430, 21.6708, 2.5933



191.0890, -14.8339, 44.6489



183.7610, -21.0812, -5.0524



175.1800, 20.1243, -61.5479

Rectangle

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



191.0430, 21.6708, 2.5933



192.6380, 2.6435, 38.9055



183.7610, -21.0812, -5.0524



177.2410, 0.8672, -44.9384

Sweetspot

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



191.0430, 21.6708, 2.5933



240.2480, 7.2727, 0.6595



211.2230, 11.7221, -26.5056



119.1510, 4.3626, 0.7446



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.



191.0430, 21.6708, 2.5933



197.1770, 28.5067, 3.3528



199.1160, 17.6908, 19.1923



107.8520, 4.5100, 0.1298



33.7900, 72.5745, 8.9542



10.0430, 21.6708, 2.5933

Inverse Universe

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



201.8200, 9.9487, 29.0989



211.3850, 13.1212, 38.2504



216.8840, -17.6908, -19.1923



110.2010, 1.8729, 5.9627



69.7370, 33.1607, 97.5777



20.8200, 9.9487, 29.0989

Previews

White Background



This preview shows how the YUV color 191.0430, 21.6708, 2.5933 looks on a white background.

Color Contrast Check

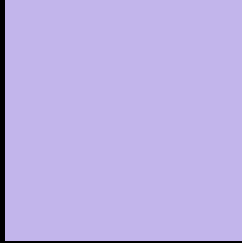
Large Text (above 18pt) WCAG AA × Fail

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 191.0430, 21.6708, 2.5933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

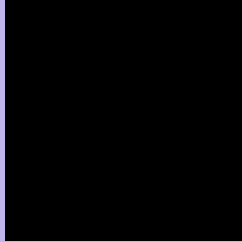
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.0430, 21.6708, 2.5933

Background



This preview shows how black text looks on a background with the YUV color 191.0430, 21.6708, 2.5933.



This preview shows how white text looks on a background with the YUV color 191.0430, 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

191.0430, 21.6708, 2.5933

Protanopia

188.7530, 24.7718, -12.0614

Deuteranopia

189.9880, 21.6979, -6.1285



Tritanopia

189.0090, 6.4046, -0.8849

Trichromacy



Original Color

191.0430, 21.6708, 2.5933

Protanomaly

189.5580, 23.8819, -6.6284

Deuteranomaly

190.5970, 21.3977, -3.1546

Tritanomaly

189.8010, 11.9301, 0.1745

Monochromacy



Original Color

191.0430, 21.6708, 2.5933

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.7750, 7.9989, 1.0743

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.0430, 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(194, 181, 235)` looks like.

```
.text, #text, p{  
    color:rgb(194, 181, 235)  
}
```

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(194, 181, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 181, 235) }
```

Border

The CSS property to change the border of an element to YUV 191.0430, 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(194, 181, 235) }
```


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

```
.border{ border-color:rgb(194, 181, 235) }
```

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

Here you see how a box with a 4 pixel rgb(194, 181, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 181, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 181, 235);  
box-shadow:4px 4px 4px 4px rgb(194, 181,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 191.0430, 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(194, 181, 235) }
```

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

```
.background{ background-color: rgb(194,  
181, 235) }
```

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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