

Converting Colors

YUV(193.1630, 19.6396, 0.7340)

Have a look what the booklet for
YUV(193.1630, 19.6396, 0.7340)
contains.

YUV(193.1630, 19.6396, 0.7340)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(193.1630, 19.6396,
0.7340)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B9E9
RGB	194, 185, 233
RGB Percent	76%, 73%, 91%
CMY	0.2392, 0.2745, 0.0863
CMYK	0.17, 0.21, 0.00, 0.09
HSL	251°, 52%, 82%
HSV	251°, 21%, 91%
XYZ	54.3051, 52.0504, 84.2753
YIQ	193.1630, -10.0440, 16.8360

Conversions

Conversions Part 2

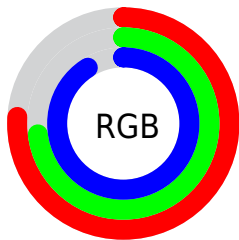
Format	Color
RYB	194, 185, 233
Decimal	12761577
CIELab	77.31, 12.69, -22.75
CIELCh	77, 26.050, 299.157
Yxy	52.0504, 0.2849, 0.2730
Android (android.graphics.Color)	4290951657 (0xFFC2B9E9)
YUV	193.1630, 19.6396, 0.7340
Hunter-Lab	72.1460, 8.1034, -18.7558

Details

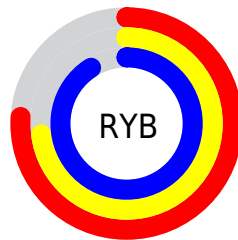
The YUV color **193.1630, 19.6396, 0.7340** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **224.8370, -19.6396, -0.7340**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.5860, 4.6411, 4.7481**, and **139.5220, 18.4767, 0.4192** is the 20% darker color. If you saturate the color by 10%, you get **173.9810, 29.0964, 0.8937**, and if you desaturate by 10%, it is **212.3450, 10.1829, 0.5744**.

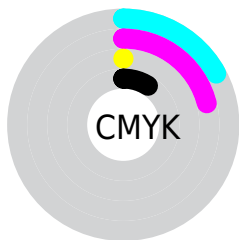
Distribution



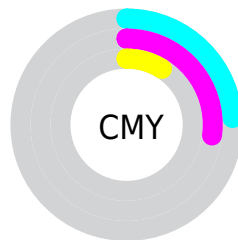
- Red (76%)
- Green (73%)
- Blue (91%)



- Red (76%)
- Yellow (73%)
- Blue (91%)



- Cyan (17%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.1630, 19.6396, 0.7340 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 193.1630, 19.6396, 0.7340 by changing the saturation by 10% instead.

■ 193.1630, 19.6396,
0.7340

■ 193.1630, 19.6396,
0.7340

■ 255.0000, 0.0000,
0.0000

■ 166.0490, 19.2028,
0.8340

■ 245.5860, 4.6411,
4.7481

■ 139.5220, 18.4767,
0.4192

■ 113.9950, 17.7505,
0.0044

■ 89.4680, 17.0243,
-0.4104

■ 65.9410, 16.2981,
-0.8253

■ 43.1150, 15.7193,
-1.8549

■ 22.1750, 14.7037,

-2.7845

■ 4.1210, 13.2513,
-3.6141

■ 0.2280, 0.8736,
-0.2000

■ 193.1630, 19.6396,
0.7340

■ 193.1630, 19.6396,
0.7340

■ 173.9810, 29.0964,
0.8937

■ 212.3450, 10.1829,
0.5744

■ 154.2120, 38.8425,
1.5681

■ 232.1140, 0.4368,
-0.1000

■ 135.0300, 48.2992,
1.7277

■ 251.2960, -9.0199,
-0.2596

■ 115.8480, 57.7559,
1.8873

■ 252.4920, -9.6096,
2.1995

■ 96.0790, 67.5021,
2.5617

■ 76.8970, 76.9588,
2.7213

■ 57.7150, 86.4155,
2.8809

■ 39.7180, 95.2880,
3.7553

Harmonies

Analogous

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



188.6760, 24.8097, -24.2719



193.1630, 19.6396, 0.7340



194.6020, 10.5492, 23.1510

Triad

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



193.1630, 19.6396, 0.7340



192.1170, -20.7637, 33.2234



181.3490, 3.7719, -43.2791

Complementary

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



193.1630, 19.6396, 0.7340



224.8370, -19.6396, -0.7340

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.



184.1420, -8.9440, -24.6805



193.1630, 19.6396, 0.7340



190.0350, -23.1883, 17.5093

Square

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



193.1630, 19.6396, 0.7340



193.7510, -12.2022, 40.5604



187.5270, -19.4868, -3.0932



180.3230, 16.6028, -52.0263

Rectangle

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



193.1630, 19.6396, 0.7340



195.0180, 2.9491, 34.1872



187.5270, -19.4868, -3.0932



181.9430, -0.4649, -37.6610

Sweetspot

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



193.1630, 19.6396, 0.7340



242.6070, 6.1097, 0.3447



213.3650, 9.6801, -24.8761



120.3250, 3.7838, -0.2850



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.



193.1630, 19.6396, 0.7340



201.8840, 26.1862, 0.9787



200.3390, 16.1019, 15.4887



107.8520, 4.5100, 0.1298



30.8000, 74.0486, 2.8064



9.1460, 22.1130, 0.7490

Inverse Universe

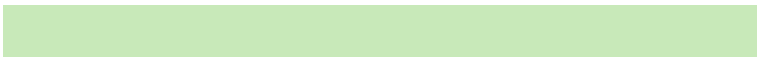
The Inverse Universe completely reimagines the original color for something new.



203.7980, 9.9596, 25.6102



216.0640, 13.2794, 34.1469



217.6610, -16.1019, -15.4887



110.3150, 2.3097, 5.8627



70.8770, 37.5286, 96.5779



21.1620, 11.2591, 28.7989

Previews

White Background



This preview shows how the YUV color 193.1630, 19.6396, 0.7340 looks on a white background.

Color Contrast Check

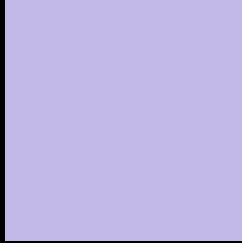
Large Text (above 18pt) WCAG AA × Fail

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 193.1630, 19.6396, 0.7340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

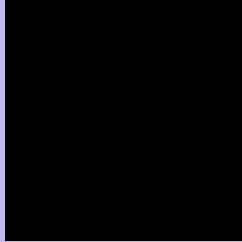
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.1630, 19.6396, 0.7340

Background



This preview shows how black text looks on a background with the YUV color 193.1630, 19.6396, 0.7340.



This preview shows how white text looks on a background with the YUV color 193.1630, 19.6396,

0.7340.

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

193.1630, 19.6396, 0.7340

Protanopia

191.6670, 21.8562, -10.2320

Deuteranopia

192.8420, 19.7979, -3.3694



Tritanopia

191.4110, 6.6994, -2.1144

Trichromacy



Original Color

193.1630, 19.6396, 0.7340

Protanomaly

192.4610, 20.9717, -6.5433

Deuteranomaly

192.8530, 19.7925, -1.6251

Tritanomaly

191.9750, 11.3513, -0.8551

Monochromacy



Original Color

193.1630, 19.6396, 0.7340

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.9490, 7.4201, 0.0447

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.1630, 19.6396, 0.7340 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, 185, 233)` looks like.

```
.text, #text, p{  
    color:rgb(194, 185, 233)  
}
```

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, 185, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 185, 233) }
```

Border

The CSS property to change the border of an element to YUV 193.1630, 19.6396, 0.7340 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, 185, 233) }
```


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

```
.border{ border-color:rgb(194, 185, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 185, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 185, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 185, 233);  
box-shadow:4px 4px 4px 4px rgb(194, 185,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 193.1630, 19.6396, 0.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 185, 233) }
```

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

```
.background{ background-color: rgb(194,  
185, 233) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor