

Converting Colors

YUV(190.2920, -93.8140,
-9.9031)

Have a look what the booklet for
YUV(190.2920, -93.8140, -9.9031)
contains.

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Color

**YUV(190.2920, -93.8140,
-9.9031)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E900
RGB	179, 233, 0
RGB Percent	70%, 91%, 0%
CMY	0.2980, 0.0863, 1.0000
CMYK	0.23, 0.00, 1.00, 0.09
HSL	74°, 100%, 46%
HSV	74°, 100%, 91%
XYZ	47.7293, 67.8615, 10.5830
YIQ	190.2920, 42.6090, -83.9110

Conversions

Conversions Part 2

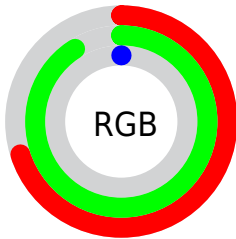
Format	Color
RYB	0, 233, 54
Decimal	11790592
CIELab	85.94, -41.96, 83.80
CIElCh	86, 93.717, 116.600
Yxy	67.8615, 0.3783, 0.5378
Android (android.graphics.Color)	4289980672 (0xFFB3E900)
YUV	190.2920, -93.8140, -9.9031
Hunter-Lab	82.3781, -40.7400, 50.0478

Details

The YUV color **190.2920, -93.8140, -9.9031** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **42.7080, 93.8140, 9.9031**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.4060, -69.7132, 6.6599**, and **139.7790, -68.9110, -17.3462** is the 20% darker color. If you saturate the color by 10%, you get **190.2920, -93.8140, -9.9031**, and if you desaturate by 10%, it is **194.4090, -84.5046, -9.1287**.

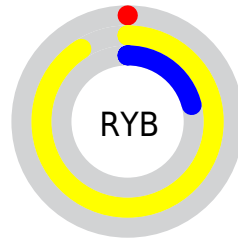
Distribution



Red (70%)

Green (91%)

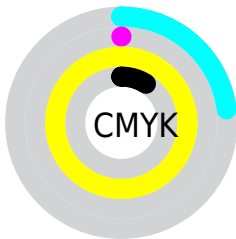
Blue (0%)



Red (0%)

Yellow (91%)

Blue (21%)

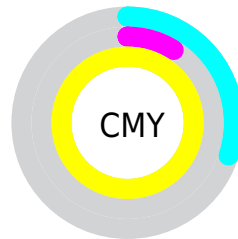


Cyan (23%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (30%)

Magenta (9%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.2920, -93.8140, -9.9031 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 190.2920, -93.8140, -9.9031 by changing the saturation by 10% instead.

190.2920,
-93.8140, -9.9031

190.2920,
-93.8140, -9.9031

255.0000, 0.0000,
0.0000

164.8860,
-81.2888, -13.9320

231.4060,
-69.7132, 6.6599

139.7790,
-68.9110, -17.3462

239.6100,
-58.9677, 13.4970

115.2590,
-56.8227, -21.2751

243.0300,
-45.8638, 10.4977

91.0270, -44.8763,
-26.3337

246.3360,
-33.1966, 7.5983

65.8870, -32.4823,
-34.9809

249.7560,
-20.0927, 4.5990

43.4380, -21.4149,
-38.0951

253.1760, -6.9888,

29.9370, -14.7589,

1.5996

-26.2547

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 190.2920,
-93.8140, -9.9031

■ 194.4090,
-84.5046, -9.1287

■ 198.9390,
-74.9059, -7.8395

■ 203.0560,
-65.5966, -7.0651

■ 207.4720,
-56.4347, -5.6759

■ 211.7030,
-46.6886, -5.0015

■ 215.8200,
-37.3793, -4.2271

■ 220.2360,
-28.2173, -2.8380

■ 224.3530,
-18.9080, -2.0636

■ 228.8830, -9.3093,
-0.7744

Harmonies

Analogous

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



197.7540, -97.4927, 50.2047



190.2920, -93.8140, -9.9031



158.1160, -23.7212, -138.6677

Triad

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



190.2920, -93.8140, -9.9031



174.6460, 39.6145, -153.1645



173.3780, 27.4216, 71.5825

Complementary

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



190.2920, -93.8140, -9.9031



42.7080, 93.8140, 9.9031

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.



195.1260, 29.5179, 52.5095



190.2920, -93.8140, -9.9031



163.4930, 45.1130, -143.3834

Square

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



190.2920, -93.8140, -9.9031



178.7550, 37.5888, -156.7681



201.2310, 26.5081, -8.9726



169.8030, -14.1999, 74.7178

Rectangle

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



190.2920, -93.8140, -9.9031



168.0050, 1.4765, -147.3404



201.2310, 26.5081, -8.9726



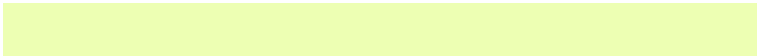
180.4510, 36.7527, 65.3795

Sweetspot

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



190.2920, -93.8140, -9.9031



240.9540, -30.5433, -3.4677



99.0170, -48.8154, 117.5031



119.4670, -18.4712, -2.1636



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.



190.2920, -93.8140, -9.9031



208.2890, -102.6865, -10.7775



156.5050, -77.1570, -79.3729



115.1480, -4.5100, -0.1298



147.8080, -72.8693, -7.7246



43.9570, -21.6708, -2.5933

Inverse Universe

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



42.7080, 93.8140, 9.9031



46.7110, 102.6865, 10.7775



76.4950, 77.1570, 79.3729



107.8520, 4.5100, 0.1298



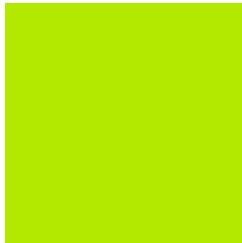
33.1920, 72.8693, 7.7246



9.7440, 21.8182, 1.9785

Previews

White Background



This preview shows how the YUV color 190.2920, -93.8140, -9.9031 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 190.2920, -93.8140, -9.9031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

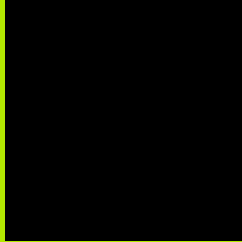
Any Text WCAG AA ✓ Pass

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 190.2920, -93.8140, -9.9031 Background



This preview shows how black text looks on a background with the YUV color 190.2920, -93.8140, -9.9031.



This preview shows how white text looks on a background with the YUV color 190.2920, -93.8140, -9.9031.

-9.9031.

Color Blindness Simulation

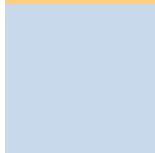
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Deuteranopia

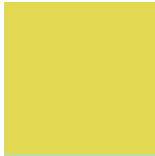
211.6450, -41.7300, 38.0223



Tritanopia

213.5560, 10.0789, -12.7656

Trichromacy



Deuteranomaly

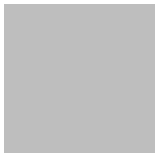
203.8990, -60.5892, 20.2596



Tritanomaly

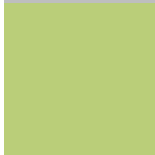
205.2950, -27.7534, -11.6597

Monochromacy



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

190.3300, -34.1797, -3.7974

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.2920, -93.8140, -9.9031 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(179, 233, 0)` looks like.

```
.text, #text, p{  
    color:rgb(179, 233, 0)  
}
```

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(179, 233, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 233, 0) }
```

Border

The CSS property to change the border of an element to YUV 190.2920, -93.8140, -9.9031 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(179, 233, 0) }
```

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

```
.border{ border-color:rgb(179, 233, 0) }
```

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

Here you see how a box with a 4 pixel rgb(179, 233, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 233, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 233, 0);  
box-shadow:4px 4px 4px 4px rgb(179, 233,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 190.2920, -93.8140, -9.9031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 233, 0) }
```

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

```
.background{ background-color: rgb(179,  
233, 0) }
```

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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