

Converting Colors

YUV(194.4400, -78.1109,
-6.5249)

Have a look what the booklet for
YUV(194.4400, -78.1109, -6.5249)
contains.

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Color

**YUV(194.4400, -78.1109,
-6.5249)**

Conversions

Conversions Part 1

Format	Color
Hex	BBE524
RGB	187, 229, 36
RGB Percent	73%, 90%, 14%
CMY	0.2667, 0.1020, 0.8588
CMYK	0.18, 0.00, 0.84, 0.10
HSL	73°, 79%, 52%
HSV	73°, 84%, 90%
XYZ	48.8313, 66.7308, 11.9757
YIQ	194.4400, 36.9210, -68.9270

Conversions

Conversions Part 2

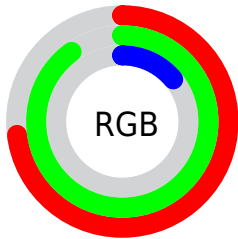
Format	Color
RYB	36, 229, 78
Decimal	12313892
CIELab	85.37, -36.47, 78.95
CIELCh	85, 86.965, 114.796
Yxy	66.7308, 0.3829, 0.5232
Android (android.graphics.Color)	4290503972 (0xFFBBE524)
YUV	194.4400, -78.1109, -6.5249
Hunter-Lab	81.6889, -36.2535, 48.4902

Details

The YUV color **194.4400, -78.1109, -6.5249** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed chartreuse. A complement of this color would be **70.5600, 78.1109, 6.5249**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.1660, -65.6508, 10.3784**, and **140.1220, -69.0801, -9.7540** is the 20% darker color. If you saturate the color by 10%, you get **190.3230, -87.4202, -7.2993**, and if you desaturate by 10%, it is **198.5570, -68.8016, -5.7505**.

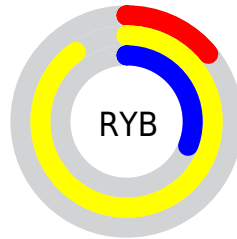
Distribution



Red (73%)

Green (90%)

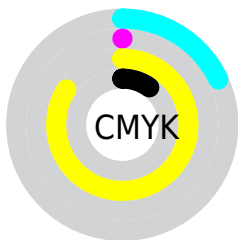
Blue (14%)



Red (14%)

Yellow (90%)

Blue (31%)

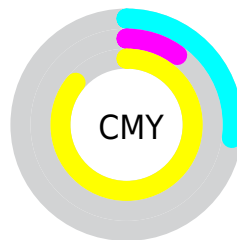


Cyan (18%)

Magenta (0%)

Yellow (84%)

Black (10%)



Cyan (27%)

Magenta (10%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.4400, -78.1109, -6.5249 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 194.4400, -78.1109, -6.5249 by changing the saturation by 10% instead.

■ 194.4400,
-78.1109, -6.5249

■ 194.4400,
-78.1109, -6.5249

■ 255.0000, 0.0000,
0.0000

■ 165.2290,
-81.4579, -6.3398

■ 235.1660,
-65.6508, 10.3784

■ 140.1220,
-69.0801, -9.7540

■ 240.8640,
-54.1630, 12.3973

■ 116.1890,
-57.2812, -14.1978

■ 244.2840,
-41.0590, 9.3979

■ 92.5550, -45.6296,
-18.0267

■ 247.5900,
-28.3919, 6.4986

■ 68.6110, -33.8252,
-24.2148

■ 250.8960,
-15.7247, 3.5992

■ 42.8620, -21.1310,
-35.8360

■ 254.3160, -2.6208,

■ 28.1760, -13.8908,

0.5999

-24.7104

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 194.4400,
-78.1109, -6.5249

■ 194.4400,
-78.1109, -6.5249

■ 190.3230,
-87.4202, -7.2993

■ 198.5570,
-68.8016, -5.7505

■ 187.9440,
-92.6564, -7.8439

■ 202.6740,
-59.4923, -4.9761

■ 206.7910,
-50.1830, -4.2017

■ 210.9080,
-40.8736, -3.4273

■ 215.0250,
-31.5643, -2.6529

■ 219.0280,
-22.6918, -1.7786

■ 223.1450,
-13.3825, -1.0042

■ 227.2620, -4.0732,
-0.2298

■ 231.3790, 5.2362,
0.5446

Harmonies

Analogous

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



196.5800, -96.9139, 51.2343



194.4400, -78.1109, -6.5249



174.8330, -30.9767, -98.0775

Triad

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



194.4400, -78.1109, -6.5249



172.8850, 40.4827, -151.6201



180.0630, 25.1119, 65.7197

Complementary

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



194.4400, -78.1109, -6.5249



70.5600, 78.1109, 6.5249

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.



199.2350, 27.4921, 48.9059



194.4400, -78.1109, -6.5249



162.3190, 45.6917, -142.3538

Square

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



194.4400, -78.1109, -6.5249



176.4070, 38.7463, -154.7089



200.3120, 26.9612, -14.3056



174.2370, -12.4418, 70.8292

Rectangle

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



194.4400, -78.1109, -6.5249



165.2010, 0.8869, -144.8813



200.3120, 26.9612, -14.3056



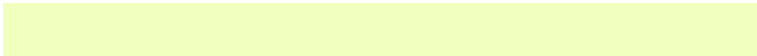
186.3210, 33.8587, 60.2315

Sweetspot

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



194.4400, -78.1109, -6.5249



243.5180, -25.8914, -2.2083



118.3610, -40.6040, 97.0304



120.8630, -15.7085, -1.6339



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.



194.4400, -78.1109, -6.5249



209.4850, -103.2761, -8.3183



165.7360, -63.9598, -65.5435



112.7350, -4.7994, -0.6446



146.9330, -72.4380, -6.0802



41.8970, -20.6552, -1.6637

Inverse Universe

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



70.5600, 78.1109, 6.5249



45.5150, 103.2761, 8.3183



99.2640, 63.9598, 65.5435



105.2650, 4.7994, 0.6446



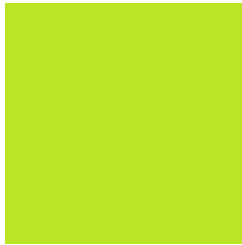
32.0670, 72.4380, 6.0802



9.1030, 20.6552, 1.6637

Previews

White Background



This preview shows how the YUV color 194.4400, -78.1109, -6.5249 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 194.4400, -78.1109, -6.5249 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 194.4400, -78.1109, -6.5249 Background



This preview shows how black text looks on a background with the YUV color 194.4400, -78.1109, -6.5249.



This preview shows how white text looks on a background with the YUV color 194.4400, -78.1109, -6.5249.

-6.5249.

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

194.4400, -78.1109, -6.5249

Protanopia

200.3250, -83.4772, 34.7950

Deuteranopia

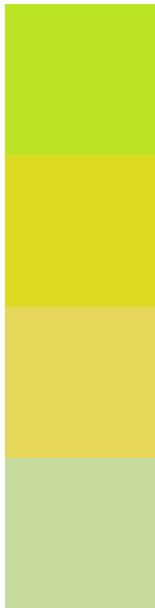
210.2600, -44.4982, 39.2370



Tritanopia

212.8450, 8.4574, -6.0031

Trichromacy



Original Color

194.4400, -78.1109, -6.5249

Protanomaly

198.3940, -81.5392, 19.8255

Deuteranomaly

204.5340, -56.9583, 22.3337

Tritanomaly

206.1800, -23.2597, -6.2969

Monochromacy



Original Color

194.4400, -78.1109, -6.5249

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.2360, -28.2173, -2.8380

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.4400, -78.1109, -6.5249 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(187, 229, 36)` looks like.

```
.text, #text, p{  
    color:rgb(187, 229, 36)  
}
```

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(187, 229, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 229, 36) }
```

Border

The CSS property to change the border of an element to YUV 194.4400, -78.1109, -6.5249 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(187, 229, 36) }
```


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

```
.border{ border-color:rgb(187, 229, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 229, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 229, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 229, 36);  
box-shadow:4px 4px 4px 4px rgb(187, 229,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 194.4400, -78.1109, -6.5249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 229, 36) }
```

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

```
.background{ background-color: rgb(187,  
229, 36) }
```

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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