

Converting Colors

YUV(197.0930, -78.4328,
3.4264)

Have a look what the booklet for
YUV(197.0930, -78.4328, 3.4264)
contains.

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Color

**YUV(197.0930, -78.4328,
3.4264)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E226
RGB	201, 226, 38
RGB Percent	79%, 89%, 15%
CMY	0.2118, 0.1137, 0.8510
CMYK	0.11, 0.00, 0.83, 0.11
HSL	68°, 76%, 52%
HSV	68°, 83%, 89%
XYZ	51.6336, 66.9502, 12.0350
YIQ	197.0930, 45.4480, -63.7680

Conversions

Conversions Part 2

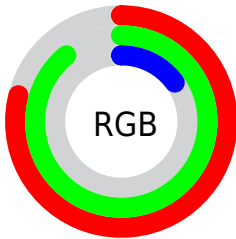
Format	Color
RYB	38, 226, 63
Decimal	13230630
CIELab	85.48, -29.43, 78.98
CIELCh	85, 84.287, 110.438
Yxy	66.9502, 0.3953, 0.5126
Android (android.graphics.Color)	4291420710 (0xFFC9E226)
YUV	197.0930, -78.4328, 3.4264
Hunter-Lab	81.8231, -30.5498, 48.5554

Details

The YUV color **197.0930, -78.4328, 3.4264** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **66.9070, 78.4328, -3.4264**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.6720, -66.3933, 15.1967**, and **142.8350, -70.4177, -0.7323** is the 20% darker color. If you saturate the color by 10%, you get **193.5740, -88.0370, 3.8816**, and if you desaturate by 10%, it is **200.6120, -68.8287, 2.9713**.

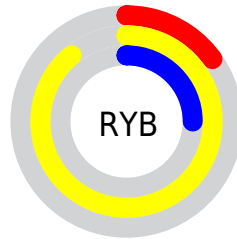
Distribution



Red (79%)

Green (89%)

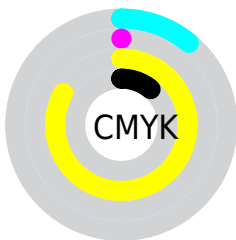
Blue (15%)



Red (15%)

Yellow (89%)

Blue (25%)

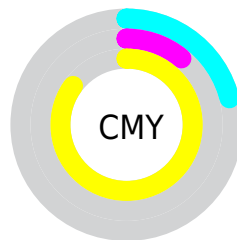


Cyan (11%)

Magenta (0%)

Yellow (83%)

Black (11%)



Cyan (21%)

Magenta (11%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.0930, -78.4328, 3.4264 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 197.0930, -78.4328, 3.4264 by changing the saturation by 10% instead.

197.0930,
-78.4328, 3.4264

197.0930,
-78.4328, 3.4264

255.0000, 0.0000,
0.0000

167.6540,
-82.6534, 3.8114

237.6720,
-66.3933, 15.1967

142.8350,
-70.4177, -0.7323

240.9780,
-53.7262, 12.2973

118.6140,
-58.4767, -4.0465

244.2840,
-41.0590, 9.3979

95.5670, -47.1145,
-8.3903

247.7040,
-27.9551, 6.3986

72.2210, -35.6050,
-13.3488

251.0100,
-15.2879, 3.4992

49.4620, -24.3848,
-18.8222

254.4300, -2.1840,

27.5890, -13.6014,

0.4999

-24.1956

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 197.0930,
-78.4328, 3.4264

■ 197.0930,
-78.4328, 3.4264

■ 193.5740,
-88.0370, 3.8816

■ 200.6120,
-68.8287, 2.9713

■ 191.2660,
-94.2941, 4.1517

■ 204.0170,
-59.6614, 2.6161

■ 207.5360,
-50.0572, 2.1609

■ 210.9410,
-40.8899, 1.8057

■ 214.4600,
-31.2858, 1.3506

■ 217.9790,
-21.6816, 0.8954

■ 221.3840,
-12.5143, 0.5402

■ 224.9030, -2.9102,
0.0851

■ 228.3080, 6.2572,
-0.2701

Harmonies

Analogous

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



197.7660, -82.2156, 50.1942



197.0930, -78.4328, 3.4264



183.3260, -38.6147, -74.8309

Triad

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



197.0930, -78.4328, 3.4264



173.4720, 40.1933, -152.1349



184.9530, 28.6172, 61.4312

Complementary

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



197.0930, -78.4328, 3.4264



66.9070, 78.4328, -3.4264

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.



203.9310, 25.1770, 44.7875



197.0930, -78.4328, 3.4264



164.0800, 44.8236, -143.8982

Square

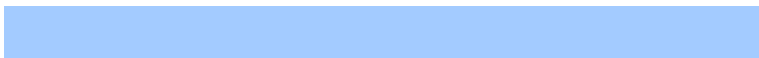
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



197.0930, -78.4328, 3.4264



176.4070, 38.7463, -154.7089



196.9680, 28.6098, -29.7899



176.4200, -6.6161, 68.9147

Rectangle

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



197.0930, -78.4328, 3.4264



163.4740, -3.1917, -143.3667



196.9680, 28.6098, -29.7899



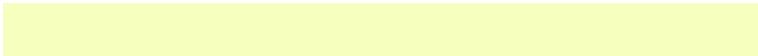
191.0170, 31.5436, 56.1131

Sweetspot

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



197.0930, -78.4328, 3.4264



245.3120, -26.7758, 1.4804



107.1260, -34.0791, 104.2525



121.7600, -16.1507, 0.2105



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.



197.0930, -78.4328, 3.4264



215.7640, -106.3717, 4.5920



169.8840, -65.0188, -52.5183



110.4470, -4.6574, 0.4850



149.0590, -73.4861, 3.4563



40.7340, -20.0819, 1.1103

Inverse Universe

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



66.9070, 78.4328, -3.4264



39.2360, 106.3717, -4.5920



94.1160, 65.0188, 52.5183



102.5530, 4.6574, -0.4850



26.9410, 73.4861, -3.4563



7.2660, 20.0819, -1.1103

Previews

White Background



This preview shows how the YUV color 197.0930, -78.4328, 3.4264 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 197.0930, -78.4328, 3.4264 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 197.0930, -78.4328, 3.4264

Background



This preview shows how black text looks on a background with the YUV color 197.0930, -78.4328, 3.4264.



This preview shows how white text looks on a background with the YUV color 197.0930, -78.4328, 3.4264.

3.4264.

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

197.0930, -78.4328, 3.4264

Protanopia

201.3680, -82.0194, 33.8803

Deuteranopia

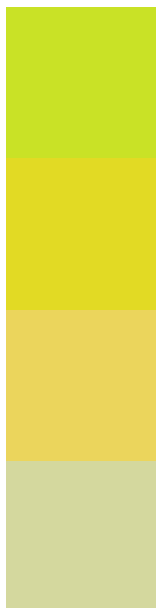
210.6020, -43.1878, 38.9370



Tritanopia

214.3300, 6.2463, 3.2186

Trichromacy



Original Color

197.0930, -78.4328, 3.4264

Protanomaly

199.6440, -80.6765, 23.1142

Deuteranomaly

205.7840, -56.0955, 25.6224

Tritanomaly

208.1920, -24.7447, 3.3396

Monochromacy



Original Color

197.0930, -78.4328, 3.4264

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

197.1440, -28.6650, 0.7507

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.0930, -78.4328, 3.4264 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(201, 226, 38)` looks like.

```
.text, #text, p{  
    color:rgb(201, 226, 38)  
}
```

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(201, 226, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 226, 38) }
```

Border

The CSS property to change the border of an element to YUV 197.0930, -78.4328, 3.4264 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(201, 226, 38) }
```


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

```
.border{ border-color:rgb(201, 226, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 226, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 226, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 226, 38);  
box-shadow:4px 4px 4px 4px rgb(201, 226,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 197.0930, -78.4328, 3.4264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 226, 38) }
```

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

```
.background{ background-color: rgb(201,  
226, 38) }
```

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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