

Converting Colors

YUV(209.3920, -88.4403,
39.9982)

Have a look what the booklet for
YUV(209.3920, -88.4403, 39.9982)
contains.

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Color

**YUV(209.3920, -88.4403,
39.9982)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDD1E
RGB	255, 221, 30
RGB Percent	100%, 87%, 12%
CMY	0.0000, 0.1333, 0.8824
CMYK	0.00, 0.13, 0.88, 0.00
HSL	51°, 100%, 56%
HSV	51°, 88%, 100%
XYZ	67.3308, 73.0666, 11.7829
YIQ	209.3920, 81.5750, -52.1930

Conversions

Conversions Part 2

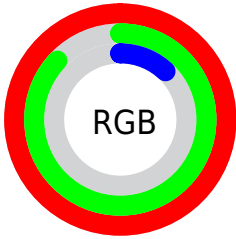
Format	Color
RYB	70, 255, 30
Decimal	16768286
CIELab	88.48, -4.62, 84.83
CIElCh	88, 84.955, 93.119
Yxy	73.0666, 0.4424, 0.4801
Android (android.graphics.Color)	4294958366 (0xFFFFDD1E)
YUV	209.3920, -88.4403, 39.9982
Hunter-Lab	85.4790, -8.9860, 51.6625

Details

The YUV color **209.3920, -88.4403, 39.9982** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **75.6080, 88.4403, -39.9982**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3300, -67.7037, 15.4966**, and **155.1490, -76.4885, 33.1953** is the 20% darker color. If you saturate the color by 10%, you get **204.1940, -98.2026, 44.5569**, and if you desaturate by 10%, it is **214.7040, -78.2411, 35.3396**.

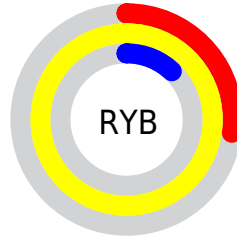
Distribution



Red (100%)

Green (87%)

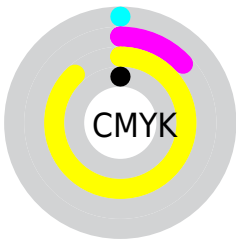
Blue (12%)



Red (27%)

Yellow (100%)

Blue (12%)

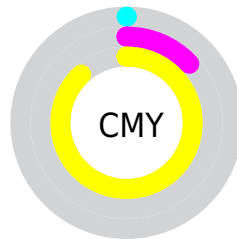


Cyan (0%)

Magenta (13%)

Yellow (88%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.3920, -88.4403, 39.9982 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 209.3920, -88.4403, 39.9982 by changing the saturation by 10% instead.

209.3920,
-88.4403, 39.9982

209.3920,
-88.4403, 39.9982

255.0000, 0.0000,
0.0000

180.2670,
-88.8716, 38.3538

237.3300,
-67.7037, 15.4966

155.1490,
-76.4885, 33.1953

240.6360,
-55.0365, 12.5972

130.9170,
-64.5421, 28.1368

243.9420,
-42.3694, 9.6979

107.5710,
-53.0325, 23.1782

247.3620,
-29.2655, 6.6985

84.8120, -41.8123,
17.7049

250.6680,
-16.5983, 3.7992

62.9390, -31.0289,
12.3315

254.0880, -3.4944,

42.2510, -20.8297,

0.7998

7.6729

■ 23.3350, -11.5042,
3.2142

■ 0.0000, 0.0000,
0.0000

■ 209.3920,
-88.4403, 39.9982

■ 209.3920,
-88.4403, 39.9982

■ 204.1940,
-98.2026, 44.5569

■ 214.7040,
-78.2411, 35.3396

■ 203.0370,
-100.0972, 45.5716

■ 219.9020,
-68.4787, 30.7809

■ 225.1000,
-58.7163, 26.2223

■ 229.8250,
-48.2277, 22.0785

■ 235.1370,
-38.0285, 17.4199

■ 240.3350,
-28.2662, 12.8612

■ 245.6470,
-18.0670, 8.2026

■ 250.8450, -8.3046,
3.6439

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



195.9830, -61.1236, 51.7579



209.3920, -88.4403, 39.9982



202.2770, -64.2266, -26.5529

Triad

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



209.3920, -88.4403, 39.9982



178.7550, 37.5888, -156.7681



199.8220, 27.2028, 48.3911

Complementary

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



209.3920, -88.4403, 39.9982



75.6080, 88.4403, -39.9982

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.



214.6750, 19.8802, 16.9480



209.3920, -88.4403, 39.9982



175.2330, 39.3251, -153.6793

Square

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



209.3920, -88.4403, 39.9982



175.6770, 25.7952, -154.0687



163.4930, 45.1130, -143.3834



184.3370, 16.1029, 61.9715

Rectangle

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



209.3920, -88.4403, 39.9982



189.2970, -34.6564, -84.4525



163.4930, 45.1130, -143.3834



206.2790, 24.0195, 42.7283

Sweetspot

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



209.3920, -88.4403, 39.9982



241.6060, -25.9348, 11.7465



101.6070, -16.5683, 134.5257



119.9180, -15.7356, 7.0879



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.



209.3920, -88.4403, 39.9982



203.0370, -100.0972, 45.5716



206.9250, -87.2240, -23.6132



125.3440, -5.0996, 2.3293



152.2030, -75.0361, 34.0250



50.8340, -25.0612, 11.5466

Inverse Universe

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



75.6080, 88.4403, -39.9982



51.9630, 100.0972, -45.5716



78.0750, 87.2240, 23.6132



117.6560, 5.0996, -2.3293



38.7970, 75.0361, -34.0250



13.1660, 25.0612, -11.5466

Previews

White Background



This preview shows how the YUV color 209.3920, -88.4403, 39.9982 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 209.3920, -88.4403, 39.9982 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 209.3920, -88.4403, 39.9982

Background



This preview shows how black text looks on a background with the YUV color 209.3920, -88.4403, 39.9982.



This preview shows how white text looks on a background with the YUV color 209.3920, -88.4403, 39.9982.

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

209.3920, -88.4403, 39.9982

Protanopia

209.1850, -87.8452, 35.7948

Deuteranopia

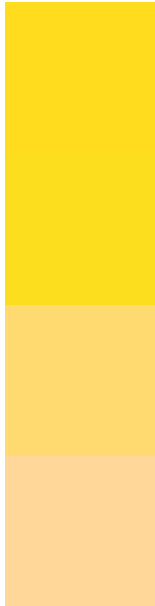
221.1630, -30.6464, 29.6750



Tritanopia

225.4100, -1.6811, 25.9504

Trichromacy



Original Color

209.3920, -88.4403, 39.9982

Protanomaly

209.1960, -87.8506, 37.5391

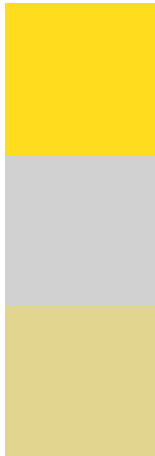
Deuteranomaly

216.9790, -51.7546, 33.3444

Tritanomaly

219.7780, -33.4146, 30.8897

Monochromacy



Original Color

209.3920, -88.4403, 39.9982

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.0210, -32.0554, 14.8906

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.3920, -88.4403, 39.9982 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(255, 221, 30)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 30)  
}
```

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(255, 221, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 30) }
```

Border

The CSS property to change the border of an element to YUV 209.3920, -88.4403, 39.9982 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(255, 221, 30) }
```


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

```
.border{ border-color:rgb(255, 221, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 30);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 209.3920, -88.4403, 39.9982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 30) }
```

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

```
.background{ background-color: rgb(255,  
221, 30) }
```

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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