

Converting Colors

YUV(205.7050, -79.7206,
43.2317)

Have a look what the booklet for
YUV(205.7050, -79.7206, 43.2317)
contains.

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Color

**YUV(205.7050, -79.7206,
43.2317)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD42C
RGB	255, 212, 44
RGB Percent	100%, 83%, 17%
CMY	0.0000, 0.1686, 0.8275
CMYK	0.00, 0.17, 0.83, 0.00
HSL	48°, 100%, 59%
HSV	48°, 83%, 100%
XYZ	65.2381, 68.5288, 12.1718
YIQ	205.7050, 79.5560, -43.1320

Conversions

Conversions Part 2

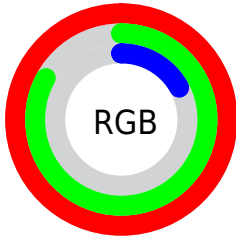
Format	Color
R_{YB}	98, 255, 44
Decimal	16765996
CIE _{Lab}	86.27, 0.23, 79.98
CIE _{LCh}	86, 79.983, 89.833
Yxy	68.5288, 0.4470, 0.4696
Android (android.graphics.Color)	4294956076 (0xFFFFD42C)
YUV	205.7050, -79.7206, 43.2317
Hunter-Lab	82.7821, -4.1983, 49.2298

Details

The YUV color **205.7050, -79.7206, 43.2317** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **93.2950, 79.7206, -43.2317**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.0140, -65.0829, 14.8967**, and **150.7520, -74.3207, 37.9285** is the 20% darker color. If you saturate the color by 10%, you get **199.9200, -89.1936, 48.3052**, and if you desaturate by 10%, it is **211.6040, -69.8108, 38.0583**.

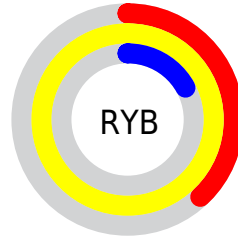
Distribution



Red (100%)

Green (83%)

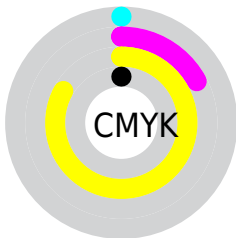
Blue (17%)



Red (38%)

Yellow (100%)

Blue (17%)

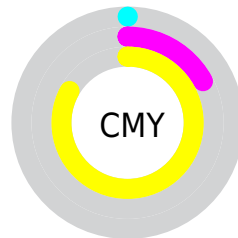


Cyan (0%)

Magenta (17%)

Yellow (83%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.7050, -79.7206, 43.2317 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 205.7050, -79.7206, 43.2317 by changing the saturation by 10% instead.

205.7050,
-79.7206, 43.2317

205.7050,
-79.7206, 43.2317

255.0000, 0.0000,
0.0000

175.5710,
-86.5565, 42.4722

238.0140,
-65.0829, 14.8967

150.7520,
-74.3207, 37.9285

241.3200,
-52.4158, 11.9974

126.5200,
-62.3744, 32.8700

244.6260,
-39.7486, 9.0980

102.8750,
-50.7174, 27.2966

247.9320,
-27.0815, 6.1986

80.1160, -39.4972,
21.8233

251.2380,
-14.4143, 3.2993

59.1290, -29.1506,
16.5499

254.6580, -1.3104,

38.1420, -18.8040,

0.2999

11.2765

■ 19.2260, -9.4784,
6.8178

■ 0.0000, 0.0000,
0.0000

■ 205.7050,
-79.7206, 43.2317

■ 205.7050,
-79.7206, 43.2317

■ 199.9200,
-89.1936, 48.3052

■ 211.6040,
-69.8108, 38.0583

■ 195.4060,
-96.3352, 52.2639

■ 217.3890,
-60.3378, 32.9848

■ 223.8750,
-50.7174, 27.2966

■ 229.6600,
-41.2444, 22.2232

■ 235.5590,
-31.3346, 17.0498

■ 241.3440,
-21.8616, 11.9763

■ 247.2430,
-11.9518, 6.8029

■ 253.6150, -2.7682,
1.2146

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.



193.0140, -54.7299, 54.3617



205.7050, -79.7206, 43.2317



198.3860, -62.8013, -17.0015

Triad

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



205.7050, -79.7206, 43.2317



176.4070, 38.7463, -154.7089



200.9960, 26.6240, 47.3615

Complementary

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



205.7050, -79.7206, 43.2317



93.2950, 79.7206, -43.2317

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.



208.1080, 23.1178, 5.1673



205.7050, -79.7206, 43.2317



171.7110, 41.0615, -150.5905

Square

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



205.7050, -79.7206, 43.2317



172.2060, 20.1114, -151.0247



161.1450, 46.2705, -141.3242



185.1520, 16.6871, 61.2567

Rectangle

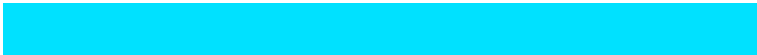
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



205.7050, -79.7206, 43.2317



189.1960, -38.0576, -66.8239



161.1450, 46.2705, -141.3242



207.4530, 23.4407, 41.6987

Sweetspot

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



205.7050, -79.7206, 43.2317



240.0730, -24.1930, 13.0910



112.3330, -11.0102, 125.1190



118.8580, -14.7200, 8.0175



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.



205.7050, -79.7206, 43.2317



196.3350, -95.3142, 51.4492



213.0060, -83.3200, -15.7913



124.7570, -4.8102, 2.8441



146.3330, -72.1422, 39.1730



49.0730, -24.1930, 13.0910

Inverse Universe

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



93.2950, 79.7206, -43.2317



61.6650, 95.3142, -51.4492



85.9940, 83.3200, 15.7913



117.6560, 5.0996, -2.3293



44.6670, 72.1422, -39.1730



14.9270, 24.1930, -13.0910

Previews

White Background



This preview shows how the YUV color 205.7050, -79.7206, 43.2317 looks on a white background.

Color Contrast Check

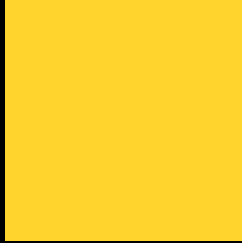
Large Text (above 18pt) WCAG AA × Fail

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 205.7050, -79.7206, 43.2317 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 205.7050, -79.7206, 43.2317

Background



This preview shows how black text looks on a background with the YUV color 205.7050, -79.7206, 43.2317.



This preview shows how white text looks on a background with the YUV color 205.7050, -79.7206, 43.2317.

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

205.7050, -79.7206, 43.2317

Protanopia

204.5790, -78.6724, 33.6952

Deuteranopia

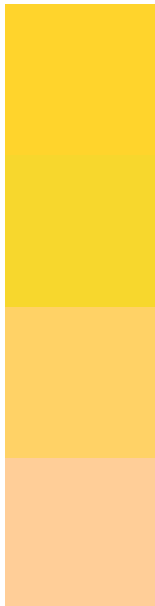
214.3180, -39.1038, 35.6781



Tritanopia

219.1010, -3.0078, 31.4834

Trichromacy



Original Color

205.7050, -79.7206, 43.2317

Protanomaly

205.1880, -78.9727, 36.6691

Deuteranomaly

211.1430, -53.8075, 38.4626

Tritanomaly

214.4950, -30.8100, 35.5229

Monochromacy



Original Color

205.7050, -79.7206, 43.2317

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

205.8300, -29.0032, 15.9351

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.7050, -79.7206, 43.2317 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, 212, 44)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 44)  
}
```

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, 212, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 44) }
```

Border

The CSS property to change the border of an element to YUV 205.7050, -79.7206, 43.2317 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, 212, 44) }
```


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

```
.border{ border-color:rgb(255, 212, 44) }
```

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

Here you see how a box with a 4 pixel rgb(255, 212, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 44);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 205.7050, -79.7206, 43.2317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 44) }
```

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

```
.background{ background-color: rgb(255,  
212, 44) }
```

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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