

Converting Colors

YUV(210.1100, -90.7662,
39.3685)

Have a look what the booklet for
YUV(210.1100, -90.7662, 39.3685)
contains.

YUV(210.1100, -90.7662, 39.3685)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(210.1100, -90.7662,
39.3685)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDF1A
RGB	255, 223, 26
RGB Percent	100%, 87%, 10%
CMY	0.0000, 0.1255, 0.8980
CMYK	0.00, 0.13, 0.90, 0.00
HSL	52°, 100%, 55%
HSV	52°, 90%, 100%
XYZ	67.8141, 74.1099, 11.7077
YIQ	210.1100, 82.3090, -54.4830

Conversions

Conversions Part 2

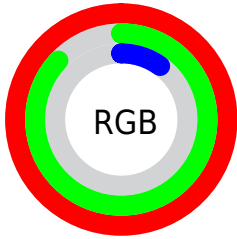
Format	Color
RYB	63, 255, 26
Decimal	16768794
CIELab	88.97, -5.69, 85.89
CIELCh	89, 86.074, 93.792
Yxy	74.1099, 0.4414, 0.4824
Android (android.graphics.Color)	4294958874 (0xFFFFDF1A)
YUV	210.1100, -90.7662, 39.3685
Hunter-Lab	86.0871, -10.0412, 52.1976

Details

The YUV color **210.1100, -90.7662, 39.3685** 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 **70.8900, 90.7662, -39.3685**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.1020, -68.5773, 15.6965**, and **156.3230, -77.0672, 32.1657** is the 20% darker color. If you saturate the color by 10%, you get **204.7980, -100.9654, 44.0272**, and if you desaturate by 10%, it is **215.3080, -81.0038, 34.8099**.

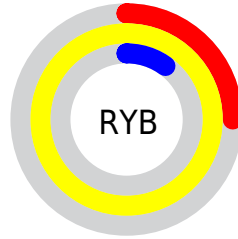
Distribution



Red (100%)

Green (87%)

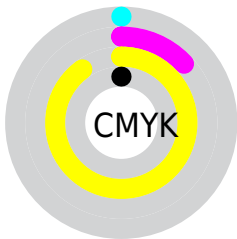
Blue (10%)



Red (25%)

Yellow (100%)

Blue (10%)

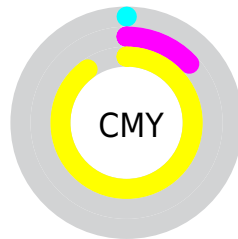


Cyan (0%)

Magenta (13%)

Yellow (90%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.1100, -90.7662, 39.3685 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 210.1100, -90.7662, 39.3685 by changing the saturation by 10% instead.

210.1100,
-90.7662, 39.3685

210.1100,
-90.7662, 39.3685

255.0000, 0.0000,
0.0000

181.4410,
-89.4504, 37.3242

237.1020,
-68.5773, 15.6965

156.3230,
-77.0672, 32.1657

240.5220,
-55.4733, 12.6972

132.0910,
-65.1209, 27.1072

243.8280,
-42.8062, 9.7978

108.7450,
-53.6113, 22.1486

247.2480,
-29.7023, 6.7985

85.9860, -42.3911,
16.6753

250.5540,
-17.0351, 3.8991

63.5260, -31.3183,
11.8167

253.9740, -3.9312,

42.8380, -21.1191,

0.8998

7.1581

■ 23.9220, -11.7935,
2.6994

■ 0.0000, 0.0000,
0.0000

■ 210.1100,
-90.7662, 39.3685

■ 210.1100,
-90.7662, 39.3685

■ 204.7980,
-100.9654, 44.0272

■ 215.3080,
-81.0038, 34.8099

■ 220.0330,
-70.5153, 30.6661

■ 225.2310,
-60.7529, 26.1074

■ 229.9560,
-50.2643, 21.9636

■ 235.1540,
-40.5019, 17.4049

■ 239.8790,
-30.0133, 13.2611

■ 245.0770,
-20.2510, 8.7025

■ 250.3890,
-10.0518, 4.0438

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.



196.8150, -63.0128, 51.0282



210.1100, -90.7662, 39.3685



202.8530, -64.5105, -28.8121

Triad

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



210.1100, -90.7662, 39.3685



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.



210.1100, -90.7662, 39.3685



70.8900, 90.7662, -39.3685

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.



215.8710, 19.2906, 19.4071



210.1100, -90.7662, 39.3685



176.4070, 38.7463, -154.7089

Square

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



210.1100, -90.7662, 39.3685



176.1330, 27.5424, -154.4686



164.0800, 44.8236, -143.8982



184.2230, 15.6661, 62.0714

Rectangle

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



210.1100, -90.7662, 39.3685



188.9050, -33.4772, -89.3707



164.0800, 44.8236, -143.8982



206.2790, 24.0195, 42.7283

Sweetspot

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



210.1100, -90.7662, 39.3685



241.2640, -27.2452, 12.0465



98.3470, -18.9051, 137.3847



119.8040, -16.1724, 7.1879



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.



210.1100, -90.7662, 39.3685



204.7980, -100.9654, 44.0272



204.9740, -88.2342, -26.2872



125.3440, -5.0996, 2.3293



153.9640, -75.9043, 32.4806



51.4210, -25.3506, 11.0318

Inverse Universe

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



70.8900, 90.7662, -39.3685



50.2020, 100.9654, -44.0272



76.0260, 88.2342, 26.2872



117.6560, 5.0996, -2.3293



37.6230, 75.6149, -32.9954



12.5790, 25.3506, -11.0318

Previews

White Background



This preview shows how the YUV color 210.1100, -90.7662, 39.3685 looks on a white background.

Color Contrast Check

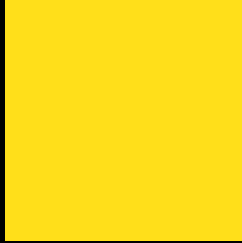
Large Text (above 18pt) WCAG AA × Fail

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 210.1100, -90.7662, 39.3685 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 210.1100, -90.7662, 39.3685 Background



This preview shows how black text looks on a background with the YUV color 210.1100, -90.7662, 39.3685.



This preview shows how white text looks on a background with the YUV color 210.1100, -90.7662, 39.3685.

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

210.1100, -90.7662, 39.3685

Protanopia

209.8000, -90.6134, 37.0094

Deuteranopia

222.9070, -29.0412, 28.1456



Tritanopia

226.6980, -1.8231, 24.8209

Trichromacy



Original Color

210.1100, -90.7662, 39.3685

Protanomaly

210.0990, -90.7608, 37.6242

Deuteranomaly

218.3810, -51.4598, 32.1149

Tritanomaly

220.8380, -34.4301, 29.9601

Monochromacy



Original Color

210.1100, -90.7662, 39.3685

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.0810, -33.0709, 13.9610

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.1100, -90.7662, 39.3685 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, 223, 26)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 26)  
}
```

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, 223, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 26) }
```

Border

The CSS property to change the border of an element to YUV 210.1100, -90.7662, 39.3685 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, 223, 26) }
```


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

```
.border{ border-color:rgb(255, 223, 26) }
```

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

Here you see how a box with a 4 pixel rgb(255, 223, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 26);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 210.1100, -90.7662, 39.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 26) }
```

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

```
.background{ background-color: rgb(255,  
223, 26) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor