

Converting Colors

YUV(211.0790, -104.0619,
10.4547)

Have a look what the booklet for
YUV(211.0790, -104.0619, 10.4547)
contains.

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Color

**YUV(211.0790, -104.0619,
10.4547)**

Conversions

Conversions Part 1

Format	Color
Hex	DFF600
RGB	223, 246, 0
RGB Percent	87%, 96%, 0%
CMY	0.1255, 0.0353, 1.0000
CMYK	0.09, 0.00, 1.00, 0.04
HSL	66°, 100%, 48%
HSV	66°, 100%, 96%
XYZ	63.3872, 81.5995, 12.4094
YIQ	211.0790, 65.2580, -81.3820

Conversions

Conversions Part 2

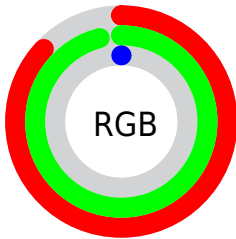
Format	Color
RYB	0, 246, 23
Decimal	14677504
CIELab	92.40, -30.39, 89.93
CIELCh	92, 94.921, 108.673
Yxy	81.5995, 0.4027, 0.5184
Android (android.graphics.Color)	4292867584 (0xFFDFF600)
YUV	211.0790, -104.0619, 10.4547
Hunter-Lab	90.3324, -32.8265, 55.0877

Details

The YUV color **211.0790, -104.0619, 10.4547** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **34.9210, 104.0619, -10.4547**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.6460, -70.3245, 16.0965**, and **160.2670, -79.0116, 2.3968** is the 20% darker color. If you saturate the color by 10%, you get **211.0790, -104.0619, 10.4547**, and if you desaturate by 10%, it is **214.5270, -93.4368, 9.1848**.

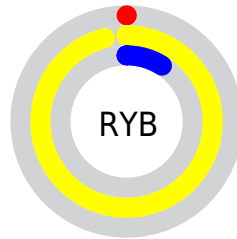
Distribution



Red (87%)

Green (96%)

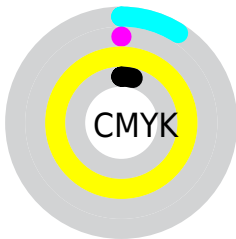
Blue (0%)



Red (0%)

Yellow (96%)

Blue (9%)

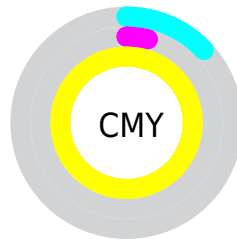


Cyan (9%)

Magenta (0%)

Yellow (100%)

Black (4%)



Cyan (13%)

Magenta (4%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.0790, -104.0619, 10.4547 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 211.0790, -104.0619, 10.4547 by changing the saturation by 10% instead.

211.0790,
-104.0619, 10.4547

211.0790,
-104.0619, 10.4547

255.0000, 0.0000,
0.0000

185.6730,
-91.5368, 6.4258

236.6460,
-70.3245, 16.0965

160.2670,
-79.0116, 2.3968

240.1800,
-56.7837, 12.9971

135.4480,
-66.7759, -2.1469

243.6000,
-43.6798, 9.9978

111.8140,
-55.1243, -5.9759

247.0200,
-30.5759, 6.9985

87.5820, -43.1779,
-11.0344

250.4400,
-17.4719, 3.9991

64.8230, -31.9577,
-16.5078

253.8600, -4.3680,

41.7650, -20.5901,

0.9998

-22.5959

■ 24.0670, -11.8650,
-21.1068

■ 9.3920, -4.6303,
-8.2368

■ 211.0790,
-104.0619, 10.4547

■ 214.5270,
-93.4368, 9.1848

■ 218.1600,
-83.3959, 8.6297

■ 221.6080,
-72.7707, 7.3598

■ 224.9420,
-62.5824, 6.1899

■ 228.6890,
-52.1047, 5.5347

■ 232.1370,
-41.4795, 4.2649

■ 235.4710,
-31.2912, 3.0949

■ 238.9190,
-20.6661, 1.8250

■ 242.5520,
-10.6251, 1.2699

Harmonies

Analogous

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



203.3790, -98.7868, 45.2716



211.0790, -104.0619, 10.4547



193.1210, -44.4297, -76.4051

Triad

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



211.0790, -104.0619, 10.4547



178.7550, 37.5888, -156.7681



190.4300, 31.8330, 56.6279

Complementary

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



211.0790, -104.0619, 10.4547



34.9210, 104.0619, -10.4547

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.



212.1490, 21.1255, 37.5803



211.0790, -104.0619, 10.4547



178.1680, 37.8782, -156.2533

Square

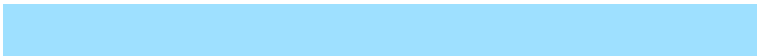
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



211.0790, -104.0619, 10.4547



178.7550, 37.5888, -156.7681



207.8000, 23.2696, -43.6746



181.2930, -0.6374, 64.6410

Rectangle

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



211.0790, -104.0619, 10.4547



168.2670, -2.5966, -147.5702



207.8000, 23.2696, -43.6746



196.3000, 28.9391, 51.4799

Sweetspot

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



211.0790, -104.0619, 10.4547



244.2430, -32.1648, 3.2949



85.8810, -42.3393, 140.4244



121.2610, -19.3557, 1.5251



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.



211.0790, -104.0619, 10.4547



218.7540, -107.8457, 10.7397



174.9000, -86.2257, -63.9333



120.3330, -5.0942, 0.5850



159.7130, -78.7385, 8.1447



50.4800, -24.8866, 2.2100

Inverse Universe

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



34.9210, 104.0619, -10.4547



36.2460, 107.8457, -10.7397



70.8010, 86.3731, 63.3185



111.6670, 5.0942, -0.5850



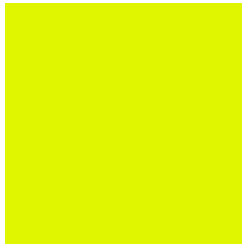
26.2870, 78.7385, -8.1447



8.2210, 25.0340, -2.8248

Previews

White Background



This preview shows how the YUV color 211.0790, -104.0619, 10.4547 looks on a white background.

Color Contrast Check

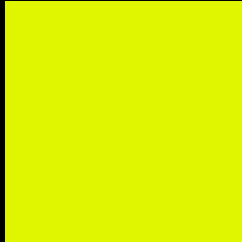
Large Text (above 18pt) WCAG AA × Fail

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 211.0790, -104.0619, 10.4547 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 211.0790, -104.0619, 10.4547 Background



This preview shows how black text looks on a background with the YUV color 211.0790, -104.0619, 10.4547.



This preview shows how white text looks on a background with the YUV color 211.0790, -104.0619, 10.4547.

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

211.0790, -104.0619, 10.4547

Protanopia

227.6080, -49.1067, 24.0228

Deuteranopia

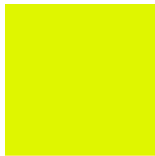
232.8980, -18.6837, 19.3835



Tritanopia

234.6400, 6.0935, 5.5777

Trichromacy



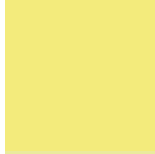
Original Color

211.0790, -104.0619, 10.4547



Protanomaly

221.5970, -69.3143, 18.7704



Deuteranomaly

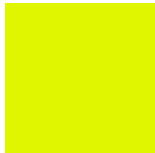
224.7380, -49.6638, 16.0158



Tritanomaly

225.8090, -33.9228, 7.1835

Monochromacy



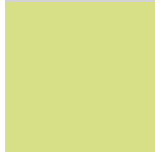
Original Color

211.0790, -104.0619, 10.4547



Achromatopsia

211.0000, 0.0000, 0.0000



Achromatomaly

211.0490, -37.9852, 3.4650

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.0790, -104.0619, 10.4547 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(223, 246, 0)` looks like.

```
.text, #text, p{  
    color:rgb(223, 246, 0)  
}
```

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(223, 246, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 246, 0) }
```

Border

The CSS property to change the border of an element to YUV 211.0790, -104.0619, 10.4547 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(223, 246, 0) }
```


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

```
.border{ border-color:rgb(223, 246, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 246, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 246, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 246, 0);  
box-shadow:4px 4px 4px 4px rgb(223, 246,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 211.0790, -104.0619, 10.4547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 246, 0) }
```

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

```
.background{ background-color: rgb(223,  
246, 0) }
```

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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