

Converting Colors

YUV(213.4000, -104.2202,
14.5582)

Have a look what the booklet for
YUV(213.4000, -104.2202, 14.5582)
contains.

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Color

**YUV(213.4000, -104.2202,
14.5582)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F602
RGB	230, 246, 2
RGB Percent	90%, 96%, 1%
CMY	0.0980, 0.0353, 0.9922
CMYK	0.07, 0.00, 0.99, 0.04
HSL	64°, 98%, 49%
HSV	64°, 99%, 96%
XYZ	65.5999, 82.7389, 12.5702
YIQ	213.4000, 68.7880, -79.2760

Conversions

Conversions Part 2

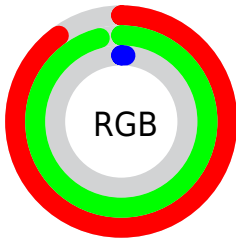
Format	Color
R _Y B	2, 246, 18
Decimal	15136258
CIE Lab	92.90, -27.53, 90.37
CIE LCh	93, 94.474, 106.942
Yxy	82.7389, 0.4077, 0.5142
Android (android.graphics.Color)	4293326338 (0xFFE6F602)
YUV	213.4000, -104.2202, 14.5582
Hunter-Lab	90.9609, -30.4497, 55.4792

Details

The YUV color **213.4000, -104.2202, 14.5582** 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 **34.6000, 104.2202, -14.5582**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.6460, -70.3245, 16.0965**, and **162.3600, -80.0435, 6.7003** is the 20% darker color. If you saturate the color by 10%, you get **213.1720, -105.0938, 14.7582**, and if you desaturate by 10%, it is **216.8480, -93.5951, 13.2883**.

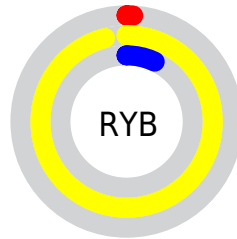
Distribution



Red (90%)

Green (96%)

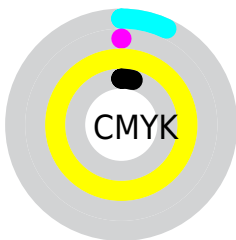
Blue (1%)



Red (1%)

Yellow (96%)

Blue (7%)

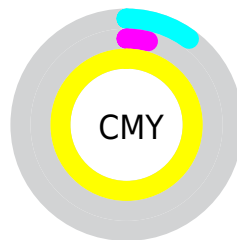


Cyan (7%)

Magenta (0%)

Yellow (99%)

Black (4%)



Cyan (10%)

Magenta (4%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.4000, -104.2202, 14.5582 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 213.4000, -104.2202, 14.5582 by changing the saturation by 10% instead.

213.4000,
-104.2202, 14.5582

213.4000,
-104.2202, 14.5582

255.0000, 0.0000,
0.0000

187.7660,
-92.5686, 10.7292

236.6460,
-70.3245, 16.0965

162.3600,
-80.0435, 6.7003

240.1800,
-56.7837, 12.9971

137.5410,
-67.8077, 2.1565

243.6000,
-43.6798, 9.9978

113.6080,
-56.0087, -2.2872

247.0200,
-30.5759, 6.9985

89.6750, -44.2098,
-6.7310

250.4400,
-17.4719, 3.9991

67.2150, -33.1370,
-11.5896

253.9740, -3.9312,

44.4560, -21.9168,

0.8998

-17.0629

■ 24.0670, -11.8650,
-21.1068

■ 10.5660, -5.2090,
-9.2664

■ 213.4000,
-104.2202, 14.5582

■ 213.4000,
-104.2202, 14.5582

■ 213.1720,
-105.0938, 14.7582

■ 216.8480,
-93.5951, 13.2883

■ 219.8830,
-83.2593, 11.5036

■ 223.3310,
-72.6342, 10.2337

■ 226.3660,
-62.2984, 8.4490

■ 229.8140,
-51.6733, 7.1791

■ 233.2620,
-41.0482, 5.9092

■ 236.2970,
-30.7124, 4.1245

■ 239.7450,
-20.0873, 2.8546

■ 243.0790, -9.8989,
1.6847

Harmonies

Analogous

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



205.4310, -90.9245, 43.4720



213.4000, -104.2202, 14.5582



196.3670, -47.5089, -68.7279

Triad

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



213.4000, -104.2202, 14.5582



178.7550, 37.5888, -156.7681



192.7780, 30.6754, 54.5687

Complementary

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



213.4000, -104.2202, 14.5582



34.6000, 104.2202, -14.5582

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.



214.4970, 19.9680, 35.5211



213.4000, -104.2202, 14.5582



178.7550, 37.5888, -156.7681

Square

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



213.4000, -104.2202, 14.5582



178.7550, 37.5888, -156.7681



206.2720, 24.0229, -51.9815



182.6780, 2.1307, 63.4264

Rectangle

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



213.4000, -104.2202, 14.5582



167.8110, -4.3438, -147.1702



206.2720, 24.0229, -51.9815



198.6480, 27.7815, 49.4207

Sweetspot

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



213.4000, -104.2202, 14.5582



244.8410, -32.4596, 4.5244



82.0000, -39.4400, 143.8280



121.5600, -19.5031, 2.1399



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.



213.4000, -104.2202, 14.5582



220.8470, -108.8776, 15.0432



178.1180, -86.8262, -57.9855



120.6320, -5.2416, 1.1997



161.2080, -79.4755, 11.2186



51.0780, -25.1815, 3.4396

Inverse Universe

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



34.6000, 104.2202, -14.5582



34.1530, 108.8776, -15.0432



69.8820, 86.8262, 57.9855



111.6670, 5.0942, -0.5850



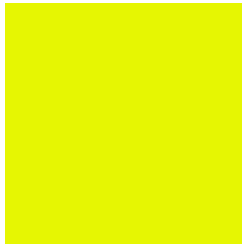
24.7920, 79.4755, -11.2186



7.9220, 25.1815, -3.4396

Previews

White Background



This preview shows how the YUV color 213.4000, -104.2202, 14.5582 looks on a white background.

Color Contrast Check

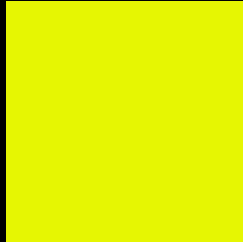
Large Text (above 18pt) WCAG AA × Fail

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 213.4000, -104.2202, 14.5582 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 213.4000, -104.2202, 14.5582 Background



This preview shows how black text looks on a background with the YUV color 213.4000, -104.2202, 14.5582.



This preview shows how white text looks on a background with the YUV color 213.4000, -104.2202, 14.5582.

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

213.4000, -104.2202, 14.5582

Protanopia

230.2640, -44.0072, 21.6935

Deuteranopia

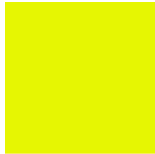
234.5280, -17.5153, 17.9539



Tritanopia

236.4340, 5.2090, 9.2664

Trichromacy



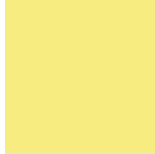
Original Color

213.4000, -104.2202, 14.5582



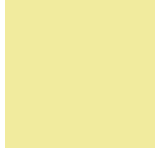
Protanomaly

224.1070, -66.1148, 19.2002



Deuteranomaly

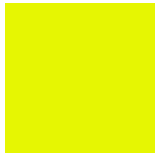
226.5640, -49.0851, 17.0454



Tritanomaly

228.0160, -34.5179, 11.3870

Monochromacy



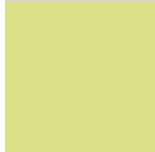
Original Color

213.4000, -104.2202, 14.5582



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

213.0600, -37.9906, 5.2094

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.4000, -104.2202, 14.5582 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(230, 246, 2)` looks like.

```
.text, #text, p{  
    color:rgb(230, 246, 2)  
}
```

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(230, 246, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 246, 2) }
```

Border

The CSS property to change the border of an element to YUV 213.4000, -104.2202, 14.5582 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(230, 246, 2) }
```


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

```
.border{ border-color:rgb(230, 246, 2) }
```

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

Here you see how a box with a 4 pixel rgb(230, 246, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 246, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 246, 2);  
box-shadow:4px 4px 4px 4px rgb(230, 246,  
2) }
```

Background

The CSS property to change the background color of an element to YUV 213.4000, -104.2202, 14.5582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 246, 2) }
```

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

```
.background{ background-color: rgb(230,  
246, 2) }
```

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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