

Converting Colors

YUV(214.1900, -105.5957,
35.7904)

Have a look what the booklet for
YUV(214.1900, -105.5957, 35.7904)
contains.

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Color

**YUV(214.1900, -105.5957,
35.7904)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEB00
RGB	255, 235, 0
RGB Percent	100%, 92%, 0%
CMY	0.0000, 0.0784, 1.0000
CMYK	0.00, 0.08, 1.00, 0.00
HSL	55°, 100%, 50%
HSV	55°, 100%, 100%
XYZ	70.9483, 80.6767, 11.8328
YIQ	214.1900, 87.3550, -68.8450

Conversions

Conversions Part 2

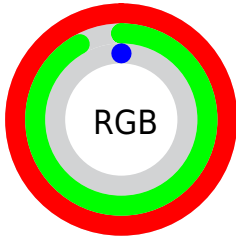
Format	Color
R _Y B	22, 255, 0
Decimal	16771840
CIE Lab	91.99, -11.90, 90.74
CIE LCh	92, 91.521, 97.471
Yxy	80.6767, 0.4340, 0.4936
Android (android.graphics.Color)	4294961920 (0xFFFFE000)
YUV	214.1900, -105.5957, 35.7904
Hunter-Lab	89.8202, -16.1894, 55.0634

Details

The YUV color **214.1900, -105.5957, 35.7904** is a light color, and the websafe version is hex **FFFF33**, and the color name is **middle yellow**. The color can be described as light saturated yellow. A complement of this color would be **40.8100, 105.5957, -35.7904**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4180, -71.1981, 16.2964**, and **163.3670, -80.5399, 25.9881** is the 20% darker color. If you saturate the color by 10%, you get **214.1900, -105.5957, 35.7904**, and if you desaturate by 10%, it is **218.2140, -95.2545, 32.2613**.

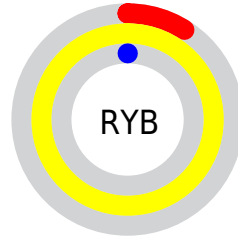
Distribution



Red (100%)

Green (92%)

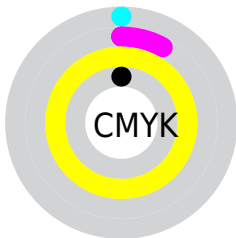
Blue (0%)



Red (9%)

Yellow (100%)

Blue (0%)

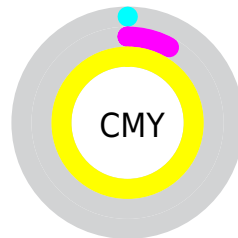


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.1900, -105.5957, 35.7904 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 214.1900, -105.5957, 35.7904 by changing the saturation by 10% instead.

214.1900,
-105.5957, 35.7904

214.1900,
-105.5957, 35.7904

255.0000, 0.0000,
0.0000

188.4850,
-92.9231, 31.1467

236.4180,
-71.1981, 16.2964

163.3670,
-80.5399, 25.9881

239.9520,
-57.6573, 13.1971

138.5480,
-68.3042, 21.4444

243.3720,
-44.5534, 10.1978

114.6150,
-56.5052, 17.0006

246.7920,
-31.4495, 7.1984

91.8560, -45.2850,
11.5273

250.2120,
-18.3455, 4.1991

69.3960, -34.2122,
6.6687

253.6320, -5.2416,

47.8220, -23.5762,

1.1997

1.9101

■ 28.3190, -13.9613,
-2.0338

■ 7.6310, -3.7621,
-6.6924

■ 214.1900,
-105.5957, 35.7904

■ 218.2140,
-95.2545, 32.2613

■ 222.3520,
-84.4765, 28.6323

■ 226.4900,
-73.6986, 25.0033

■ 230.5140,
-63.3574, 21.4742

■ 234.6520,
-52.5794, 17.8452

■ 238.6760,
-42.2383, 14.3161

■ 242.8140,
-31.4603, 10.6871

■ 246.8380,
-21.1191, 7.1581

■ 250.9760,
-10.3412, 3.5290

Harmonies

Analogous

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



201.7900, -71.8745, 46.6652



214.1900, -105.5957, 35.7904



206.6020, -63.8938, -39.9930

Triad

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



214.1900, -105.5957, 35.7904



178.7550, 37.5888, -156.7681



198.6480, 27.7815, 49.4207

Complementary

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



214.1900, -105.5957, 35.7904



40.8100, 105.5957, -35.7904

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.



222.1280, 16.2059, 28.8287



214.1900, -105.5957, 35.7904



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.



214.1900, -105.5957, 35.7904



178.4130, 36.2784, -156.4682



167.0150, 43.3766, -146.4722



184.5820, 14.5031, 61.7566

Rectangle

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



214.1900, -105.5957, 35.7904



178.7860, -23.0655, -115.5763



167.0150, 43.3766, -146.4722



206.2790, 24.0195, 42.7283

Sweetspot

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



214.1900, -105.5957, 35.7904



242.8140, -31.4603, 10.6871



78.6390, -28.4160, 154.6686



120.4080, -18.9351, 6.6582



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.



214.1900, -105.5957, 35.7904



194.2360, -95.7583, -39.6720



125.9310, -5.3890, 1.8145



160.4210, -79.0876, 26.8178



53.7690, -26.5081, 8.9726

Inverse Universe

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



40.8100, 105.5957, -35.7904



60.7640, 95.7583, 39.6720



117.0690, 5.3890, -1.8145



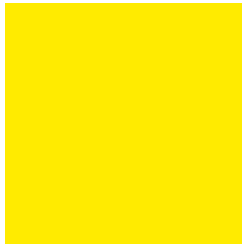
30.5790, 79.0876, -26.8178



10.2310, 26.5081, -8.9726

Previews

White Background



This preview shows how the YUV color 214.1900, -105.5957, 35.7904 looks on a white background.

Color Contrast Check

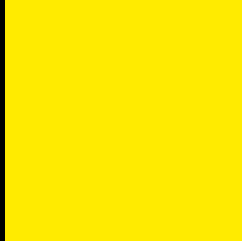
Large Text (above 18pt) WCAG AA × Fail

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 214.1900, -105.5957, 35.7904 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 214.1900, -105.5957, 35.7904 Background



This preview shows how black text looks on a background with the YUV color 214.1900, -105.5957, 35.7904.



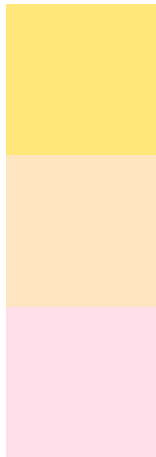
This preview shows how white text looks on a background with the YUV color 214.1900, -105.5957,

35.7904.

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



Protanopia

226.2230, -51.8749, 25.2374

Deuteranopia

231.9690, -19.7047, 20.1982

Tritanopia

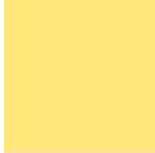
234.4090, -0.2016, 18.0583

Trichromacy



Protanomaly

221.7940, -71.3834, 29.1217



Deuteranomaly

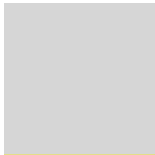
225.7500, -51.1487, 25.6522



Tritanomaly

227.0670, -38.4870, 24.4972

Monochromacy



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

214.2890, -38.5965, 12.9015

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.1900, -105.5957, 35.7904 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, 235, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 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(255, 235, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 0) }
```

Border

The CSS property to change the border of an element to YUV 214.1900, -105.5957, 35.7904 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, 235, 0) }
```

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

```
.border{ border-color:rgb(255, 235, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 235, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 214.1900, -105.5957, 35.7904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 0) }
```

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

```
.background{ background-color: rgb(255,  
235, 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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