

# Converting Colors

YUV(221.6600, -101.8834,  
11.6992)

Have a look what the booklet for  
YUV(221.6600, -101.8834, 11.6992)  
contains.

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# Color

**YUV(221.6600, -101.8834,  
11.6992)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBFF0F
RGB	235, 255, 15
RGB Percent	92%, 100%, 6%
CMY	0.0784, 0.0000, 0.9412
CMYK	0.08, 0.00, 0.94, 0.00
HSL	65°, 100%, 53%
HSV	65°, 94%, 100%
XYZ	70.1072, 89.2167, 13.9774
YIQ	221.6600, 65.1200, -78.8800

# Conversions

## Conversions Part 2

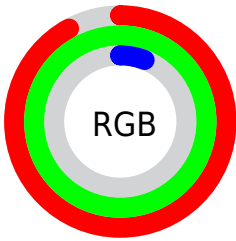
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	15, 255, 35
Decimal	15466255
CIE Lab	95.67, -29.58, 91.65
CIE LCh	96, 96.299, 107.886
Yxy	89.2167, 0.4045, 0.5148
Android (android.graphics.Color)	4293656335 (0xFFEBFF0F)
YUV	221.6600, -101.8834, 11.6992
Hunter-Lab	94.4546, -32.8071, 57.3444

# Details

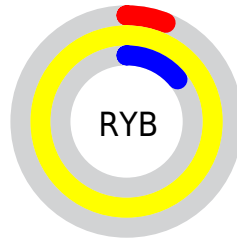
The YUV color **221.6600, -101.8834, 11.6992** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **48.3400, 101.8834, -11.6992**, and the grayscale version is **223.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.2160, -68.1405, 15.5966**, and **168.2520, -82.9482, 5.0410** is the 20% darker color. If you saturate the color by 10%, you get **219.6510, -108.2879, 12.5841**, and if you desaturate by 10%, it is **225.2220, -90.8214, 10.3293**.

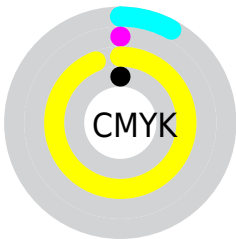
# Distribution



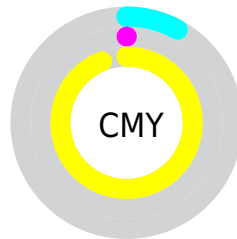
- Red (92%)
- Green (100%)
- Blue (6%)



- Red (6%)
- Yellow (100%)
- Blue (14%)



- Cyan (8%)
- Magenta (0%)
- Yellow (94%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 221.6600, -101.8834, 11.6992 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 221.6600, -101.8834, 11.6992 by changing the saturation by 10% instead.



221.6600,  
-101.8834, 11.6992

221.6600,  
-101.8834, 11.6992

255.0000, 0.0000,  
0.0000

193.6580,  
-95.4734, 9.0699

237.2160,  
-68.1405, 15.5966

168.2520,  
-82.9482, 5.0410

240.7500,  
-54.5998, 12.4972

143.7320,  
-70.8599, 1.1120

244.1700,  
-41.4958, 9.4979

119.7990,  
-59.0609, -3.3317

247.5900,  
-28.3919, 6.4986

95.5670, -47.1145,  
-8.3903

251.0100,  
-15.2879, 3.4992

72.5200, -35.7524,  
-12.7340

254.5440, -1.7472,

49.7610, -24.5322,

0.3999

-18.2074

■ 28.1760, -13.8908,  
-24.7104

■ 16.4360, -8.1029,  
-14.4144

■ 221.6600,  
-101.8834, 11.6992

■ 221.6600,  
-101.8834, 11.6992

■ 219.6510,  
-108.2879, 12.5841

■ 225.2220,  
-90.8214, 10.3293

■ 228.6700,  
-80.1963, 9.0594

■ 232.2320,  
-69.1344, 7.6895

■ 235.6800,  
-58.5092, 6.4196

■ 239.5410,  
-47.5947, 5.6645

■ 242.9890,  
-36.9696, 4.3946

■ 246.5510,  
-25.9076, 3.0248

■ 249.9990,  
-15.2825, 1.7549

■ 253.5610, -4.2206,  
0.3850

# Harmonies

## Analogous

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



210.9420, -92.6554, 38.6389



221.6600, -101.8834, 11.6992



197.5780, -44.1620, -68.9129

# Triad

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



221.6600, -101.8834, 11.6992



178.7550, 37.5888, -156.7681



195.7130, 29.2285, 51.9947

# Complementary

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



221.6600, -101.8834, 11.6992



48.3400, 101.8834, -11.6992

# 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.



218.0190, 18.2316, 32.4323



221.6600, -101.8834, 11.6992



178.7550, 37.5888, -156.7681

# Square

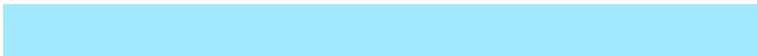
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.6600, -101.8834, 11.6992



178.7550, 37.5888, -156.7681



214.5670, 19.9335, -46.9783



187.2430, 1.8522, 59.4229



# Rectangle

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



221.6600, -101.8834, 11.6992



168.8370, -0.4126, -148.0700



214.5670, 19.9335, -46.9783



201.5830, 26.3346, 46.8467

# Sweetspot

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



221.6600, -101.8834, 11.6992



245.1120, -30.1282, 3.4098



98.5000, -41.1655, 137.2505



121.7880, -18.6295, 1.9399



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.



221.6600, -101.8834, 11.6992



219.6510, -108.2879, 12.5841



185.7800, -84.1945, -62.0741



125.9200, -5.3836, 0.0702



164.4420, -81.0699, 9.2594



54.9100, -27.0706, 2.7099



# Inverse Universe

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



48.3400, 101.8834, -11.6992



35.3490, 108.2879, -12.5841



84.2200, 84.1945, 62.0741



116.7810, 5.5310, -0.6849



26.5580, 81.0699, -9.2594

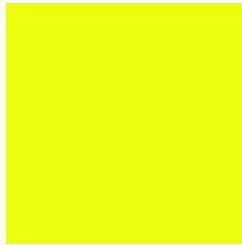


8.7910, 27.2180, -3.3247



# Previews

## White Background



This preview shows how the YUV color 221.6600, -101.8834, 11.6992 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

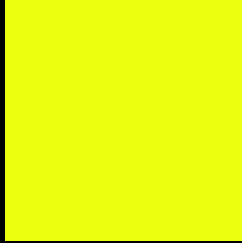
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 221.6600, -101.8834, 11.6992 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 221.6600, -101.8834, 11.6992 Background



This preview shows how black text looks on a background with the YUV color 221.6600, -101.8834, 11.6992.



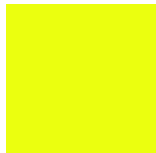
This preview shows how white text looks on a background with the YUV color 221.6600, -101.8834, 11.6992.



# 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



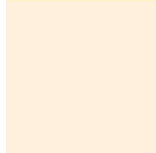
### Original Color

221.6600, -101.8834, 11.6992



### Protanopia

240.1870, -23.7562, 12.9910



### Deuteranopia

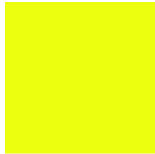
242.4330, -10.0735, 11.0213



## Tritanopia

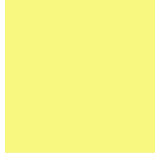
243.8360, 5.5039, 8.0368

# Trichromacy



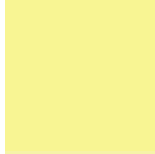
## Original Color

221.6600, -101.8834, 11.6992



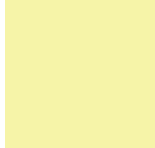
## Protanomaly

233.7330, -52.1264, 12.5122



## Deuteranomaly

234.7250, -43.2484, 11.6422



## Tritanomaly

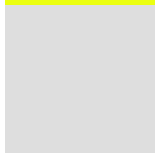
235.9340, -33.4915, 8.8279

# Monochromacy



## Original Color

221.6600, -101.8834, 11.6992



## Achromatopsia

222.0000, 0.0000, 0.0000



## Achromatomaly

221.9890, -36.9696, 4.3946

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 221.6600, -101.8834, 11.6992 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(235, 255, 15)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 15)  
}
```

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(235, 255, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 15) }
```

## Border

The CSS property to change the border of an element to YUV 221.6600, -101.8834, 11.6992 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(235, 255, 15) }
```



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

```
.border{ border-color:rgb(235, 255, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 255, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 15);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
15) }
```

# Background

The CSS property to change the background color of an element to YUV 221.6600, -101.8834, 11.6992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 255, 15) }
```

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

```
.background{ background-color: rgb(235,  
255, 15) }
```

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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