

Converting Colors

YUV(221.2340, -109.0684,
29.6128)

Have a look what the booklet for
YUV(221.2340, -109.0684, 29.6128)
contains.

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Color

**YUV(221.2340, -109.0684,
29.6128)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF700
RGB	255, 247, 0
RGB Percent	100%, 97%, 0%
CMY	0.0000, 0.0314, 1.0000
CMYK	0.00, 0.03, 1.00, 0.00
HSL	58°, 100%, 50%
HSV	58°, 100%, 100%
XYZ	74.5008, 87.7815, 13.0169
YIQ	221.2340, 84.0550, -75.1210

Conversions

Conversions Part 2

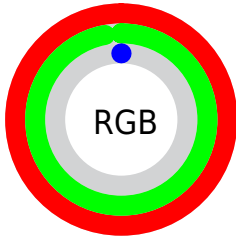
Format	Color
R _Y B	8, 255, 0
Decimal	16774912
CIE Lab	95.07, -17.73, 92.97
CIE LCh	95, 94.649, 100.799
Yxy	87.7815, 0.4250, 0.5008
Android (android.graphics.Color)	4294964992 (0xFFFFFFFF700)
YUV	221.2340, -109.0684, 29.6128
Hunter-Lab	93.6918, -22.0231, 57.3469

Details

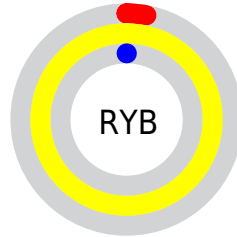
The YUV color **221.2340, -109.0684, 29.6128** is a light color, and the websafe version is hex **FFFF00**, and the color name is **lemon**. The color can be described as light saturated yellow. A complement of this color would be **33.7660, 109.0684, -29.6128**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7600, -69.8877, 15.9965**, and **169.8240, -83.7232, 20.3254** is the 20% darker color. If you saturate the color by 10%, you get **221.2340, -109.0684, 29.6128**, and if you desaturate by 10%, it is **224.6710, -98.4378, 26.5985**.

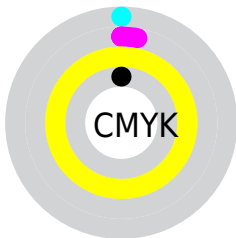
Distribution



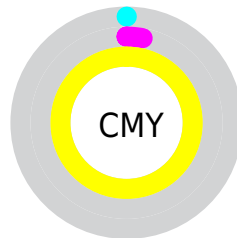
- Red (100%)
- Green (97%)
- Blue (0%)



- Red (3%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (3%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (3%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.2340, -109.0684, 29.6128 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 221.2340, -109.0684, 29.6128 by changing the saturation by 10% instead.

221.2340,
-109.0684, 29.6128

221.2340,
-109.0684, 29.6128

255.0000, 0.0000,
0.0000

195.5290,
-96.3958, 24.9691

236.7600,
-69.8877, 15.9965

169.8240,
-83.7232, 20.3254

240.2940,
-56.3469, 12.8972

145.0050,
-71.4875, 15.7816

243.7140,
-43.2430, 9.8978

121.0720,
-59.6885, 11.3379

247.1340,
-30.1391, 6.8985

97.7260, -48.1789,
6.3793

250.5540,
-17.0351, 3.8991

74.9670, -36.9587,
0.9059

254.0880, -3.4944,

53.1050, -26.1808,

0.7998

-2.7231

■ 32.4170, -15.9816,
-7.3817

■ 14.6750, -7.2348,
-12.8700

■ 221.2340,
-109.0684, 29.6128

■ 224.6710,
-98.4378, 26.5985

■ 228.2220,
-87.3704, 23.4843

■ 231.1860,
-76.0137, 20.8849

■ 234.6230,
-65.3831, 17.8706

■ 238.1740,
-54.3158, 14.7564

■ 241.6110,
-43.6852, 11.7422

■ 245.1620,
-32.6179, 8.6279

■ 248.0120,
-21.6979, 6.1285

■ 251.5630,
-10.6306, 3.0142

Harmonies

Analogous

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



208.0360, -78.4047, 41.1874



221.2340, -109.0684, 29.6128



205.5780, -57.4730, -46.1109

Triad

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



221.2340, -109.0684, 29.6128



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.



221.2340, -109.0684, 29.6128



33.7660, 109.0684, -29.6128

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.



223.3020, 15.6271, 27.7991



221.2340, -109.0684, 29.6128



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.



221.2340, -109.0684, 29.6128



178.7550, 37.5888, -156.7681



197.1590, 28.5156, -93.1014



187.7620, 11.4563, 58.9677

Rectangle

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



221.2340, -109.0684, 29.6128



166.3290, -10.0222, -145.8705



197.1590, 28.5156, -93.1014



206.8660, 23.7301, 42.2135

Sweetspot

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



221.2340, -109.0684, 29.6128



245.1620, -32.6179, 8.6279



77.1570, -34.0944, 155.9683



121.5820, -19.5139, 5.6286



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.



221.2340, -109.0684, 29.6128



190.3490, -93.8421, -47.6641



125.9310, -5.3890, 1.8145



165.7040, -81.6921, 22.1846



55.5300, -27.3763, 7.4282

Inverse Universe

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



33.7660, 109.0684, -29.6128



64.6510, 93.8421, 47.6641



116.4820, 5.6784, -1.2997



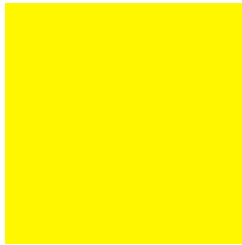
25.2960, 81.6921, -22.1846



8.4700, 27.3763, -7.4282

Previews

White Background



This preview shows how the YUV color 221.2340, -109.0684, 29.6128 looks on a white background.

Color Contrast Check

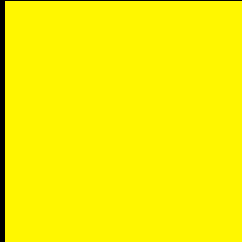
Large Text (above 18pt) WCAG AA × Fail

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 221.2340, -109.0684, 29.6128 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 221.2340, -109.0684, 29.6128 Background



This preview shows how black text looks on a background with the YUV color 221.2340, -109.0684, 29.6128.

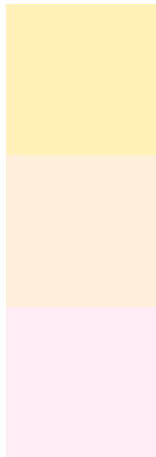


This preview shows how white text looks on a background with the YUV color 221.2340, -109.0684, 29.6128.

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

238.6880, -26.9612, 14.3056

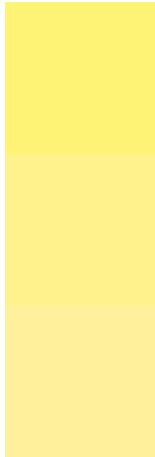
Deuteranopia

240.8030, -11.2419, 12.4508

Tritanopia

242.5930, 0.6937, 10.8809

Trichromacy



Protanomaly

232.2240, -56.8054, 19.9746

Deuteranomaly

233.5580, -46.6171, 18.8046

Tritanomaly

234.7950, -39.3389, 17.7198

Monochromacy



Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.7510, -39.3172, 10.7424

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.2340, -109.0684, 29.6128 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, 247, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 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, 247, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 0) }
```

Border

The CSS property to change the border of an element to YUV 221.2340, -109.0684, 29.6128 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, 247, 0) }
```

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

```
.border{ border-color:rgb(255, 247, 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, 247, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 221.2340, -109.0684, 29.6128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 0) }
```

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

```
.background{ background-color: rgb(255,  
247, 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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