

Converting Colors

YUV(211.1640, 21.6111,
21.7812)

Have a look what the booklet for
YUV(211.1640, 21.6111, 21.7812)
contains.

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Color

**YUV(211.1640, 21.6111,
21.7812)**

Conversions

Conversions Part 1

Format	Color
Hex	ECBEFF
RGB	236, 190, 255
RGB Percent	93%, 75%, 100%
CMY	0.0745, 0.2549, 0.0000
CMYK	0.07, 0.25, 0.00, 0.00
HSL	282°, 100%, 87%
HSV	282°, 25%, 100%
XYZ	71.0555, 61.8798, 102.8067
YIQ	211.1640, 6.5510, 29.9670

Conversions

Conversions Part 2

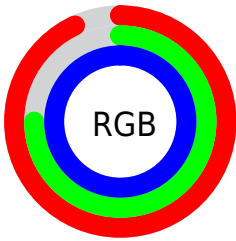
Format	Color
R _Y B	236, 190, 255
Decimal	15515391
CIE Lab	82.85, 27.72, -25.78
CIE LCh	83, 37.851, 317.075
Yxy	61.8798, 0.3014, 0.2625
Android (android.graphics.Color)	4293705471 (0xFFECBEFF)
YUV	211.1640, 21.6111, 21.7812
Hunter-Lab	78.6637, 23.5744, -22.4223

Details

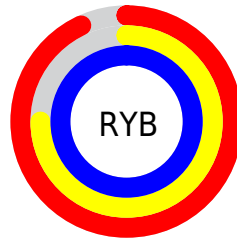
The YUV color $211.1640, 21.6111, 21.7812$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $233.8360, -21.6111, -21.7812$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3040, 2.3151, 4.1184$, and $156.2240, 20.5956, 20.8516$ is the 20% darker color. If you saturate the color by 10%, you get $194.3960, 29.8778, 30.3477$, and if you desaturate by 10%, it is $228.5190, 13.0551, 12.6998$.

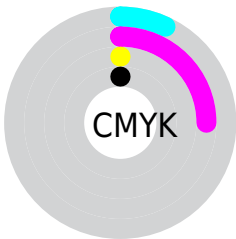
Distribution



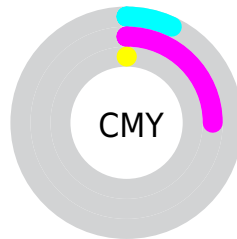
- Red (93%)
- Green (75%)
- Blue (100%)



- Red (93%)
- Yellow (75%)
- Blue (100%)



- Cyan (7%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 211.1640, 21.6111, 21.7812 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 211.1640, 21.6111, 21.7812 by changing the saturation by 10% instead.


 211.1640, 21.6111,
21.7812

 211.1640, 21.6111,
21.7812


255.0000, 0.0000,
0.0000


 183.3380, 21.0324,
20.7516


 250.3040, 2.3151,
4.1184

 156.2240, 20.5956,
20.8516

 130.0990, 20.1642,
19.2072

 104.5720, 19.4380,
18.7924

 79.7460, 18.8592,
17.7628

 55.9200, 18.2804,
16.7332

 32.8060, 17.8436,

16.8331

■ 14.6270, 15.9599,
14.3591

■ 3.4370, 10.6306,
-3.0142

■ 211.1640, 21.6111,
21.7812

■ 211.1640, 21.6111,
21.7812

■ 194.3960, 29.8778,
30.3477

■ 228.5190, 13.0551,
12.6998

■ 176.7420, 38.5812,
38.8143

■ 245.5860, 4.6411,
4.7481

■ 159.9740, 46.8478,
47.3808

255.0000, 0.0000,
0.0000

■ 142.3200, 55.5512,
55.8474

■ 125.5520, 63.8179,
64.4139

■ 107.8980, 72.5213,
72.8805

■ 91.1300, 80.7879,
81.4470

■ 82.8900, 84.8502,
85.1655

Harmonies

Analogous

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



204.7420, 24.7772, -13.8057



211.1640, 21.6111, 21.7812



207.9140, 7.4374, 41.2944

Triad

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



211.1640, 21.6111, 21.7812



205.6860, -33.8622, 34.4784



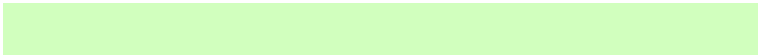
185.3360, 20.0474, -83.6097

Complementary

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



211.1640, 21.6111, 21.7812



233.8360, -21.6111, -21.7812

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.



191.5940, -1.2788, -56.6489



211.1640, 21.6111, 21.7812



202.2650, -32.1756, 6.7836

Square

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



211.1640, 21.6111, 21.7812



203.7980, -23.5644, 44.9042



197.8680, -20.1479, -24.4402



186.2940, 33.8721, -84.4498

Rectangle

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



211.1640, 21.6111, 21.7812



204.0040, -2.4670, 44.7235



197.8680, -20.1479, -24.4402



187.2570, 13.1843, -75.6474

Sweetspot

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



211.1640, 21.6111, 21.7812



241.4660, 6.6723, 6.6073



209.1500, 22.6041, -16.7945



119.1730, 4.3517, 4.2333



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.



211.1640, 21.6111, 21.7812



201.7500, 26.2523, 26.5293



215.3630, 13.1320, 34.7616



119.1730, 4.3517, 4.2333



62.1390, 63.5285, 63.8991



20.7510, 21.3218, 21.2664

Inverse Universe

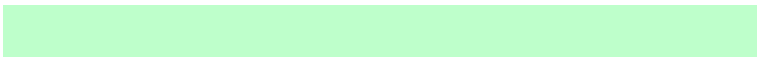
The Inverse Universe completely reimagines the original color for something new.



211.6010, -1.2823, 38.0609



202.2430, -1.5988, 46.2679



229.6370, -13.1320, -34.7616



119.2290, -0.6059, 7.6922



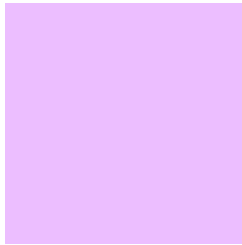
63.4930, -3.6940, 111.8236



21.3020, -1.1349, 37.4461

Previews

White Background



This preview shows how the YUV color 211.1640, 21.6111, 21.7812 looks on a white background.

Color Contrast Check

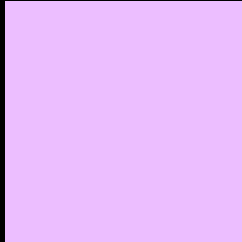
Large Text (above 18pt) WCAG AA × Fail

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 211.1640, 21.6111, 21.7812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

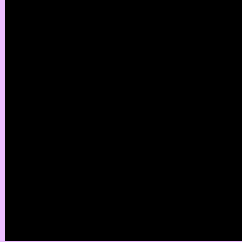
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 211.1640, 21.6111, 21.7812

Background



This preview shows how black text looks on a background with the YUV color 211.1640, 21.6111, 21.7812.



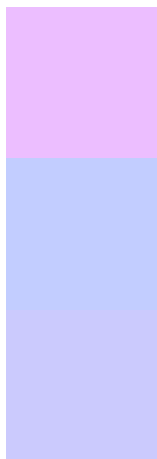
This preview shows how white text looks on a background with the YUV color 211.1640, 21.6111,

21.7812.

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

211.1640, 21.6111, 21.7812

Protanopia

207.4110, 23.4614, -11.7614

Deuteranopia

208.1130, 22.1293, -4.4841



Tritanopia

209.2780, 1.8349, 18.1732

Trichromacy



Original Color

211.1640, 21.6111, 21.7812



Protanomaly

208.9610, 22.6972, 0.0342



Deuteranomaly

209.4670, 21.9548, 4.8524



Tritanomaly

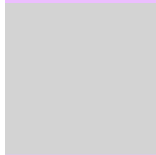
209.8250, 8.9603, 19.4475

Monochromacy



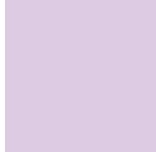
Original Color

211.1640, 21.6111, 21.7812



Achromatopsia

211.0000, 0.0000, 0.0000



Achromatomaly

210.8190, 7.9772, 8.0517

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.1640, 21.6111, 21.7812 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(236, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 190, 255)  
}
```

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(236, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 190, 255) }
```

Border

The CSS property to change the border of an element to YUV 211.1640, 21.6111, 21.7812 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(236, 190, 255) }
```


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

```
.border{ border-color:rgb(236, 190, 255) }
```

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

Here you see how a box with a 4 pixel rgb(236, 190, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 190,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 211.1640, 21.6111, 21.7812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 190, 255) }
```

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

```
.background{ background-color: rgb(236,  
190, 255) }
```

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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