

Converting Colors

YUV(214.5090, 11.5811,
18.8476)

Have a look what the booklet for
YUV(214.5090, 11.5811, 18.8476)
contains.

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Color

**YUV(214.5090, 11.5811,
18.8476)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC7EE
RGB	236, 199, 238
RGB Percent	93%, 78%, 93%
CMY	0.0745, 0.2196, 0.0667
CMYK	0.01, 0.16, 0.00, 0.07
HSL	297°, 53%, 86%
HSV	297°, 16%, 93%
XYZ	70.4481, 64.8528, 89.6937
YIQ	214.5090, 9.5330, 19.9730

Conversions

Conversions Part 2

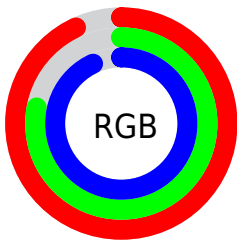
Format	Color
R _Y B	236, 199, 238
Decimal	15517678
CIE Lab	84.41, 19.70, -14.37
CIE LCh	84, 24.384, 323.901
Yxy	64.8528, 0.3131, 0.2882
Android (android.graphics.Color)	4293707758 (0xFFECC7EE)
YUV	214.5090, 11.5811, 18.8476
Hunter-Lab	80.5312, 15.2209, -9.6639

Details

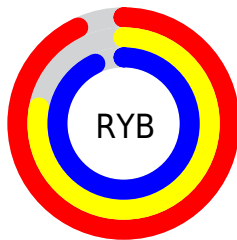
The YUV color **214.5090, 11.5811, 18.8476** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **222.4910, -11.5811, -18.8476**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **159.6830, 11.0023, 17.8180** is the 20% darker color. If you saturate the color by 10%, you get **200.1220, 18.6739, 30.5880**, and if you desaturate by 10%, it is **228.8960, 4.4883, 7.1072**.

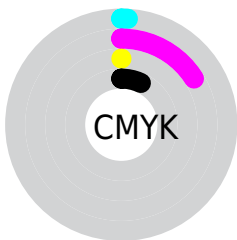
Distribution



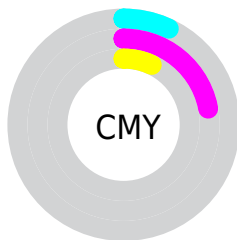
- Red (93%)
- Green (78%)
- Blue (93%)



- Red (93%)
- Yellow (78%)
- Blue (93%)



- Cyan (1%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (7%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.5090, 11.5811, 18.8476 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 214.5090, 11.5811, 18.8476 by changing the saturation by 10% instead.

214.5090, 11.5811,
18.8476

214.5090, 11.5811,
18.8476

255.0000, 0.0000,
0.0000

187.0960, 11.2917,
18.3328

159.6830, 11.0023,
17.8180

133.2700, 10.7129,
17.3032

107.8570, 10.4235,
16.7884

83.1450, 10.2815,
15.6588

59.7320, 9.9921,
15.1440

37.9060, 9.4133,

14.1144

■ 15.0310, 9.8447,
15.7588

■ 1.2540, 4.8048,
-1.0998

■ 214.5090, 11.5811,
18.8476

■ 214.5090, 11.5811,
18.8476

■ 200.1220, 18.6739,
30.5880

■ 228.8960, 4.4883,
7.1072

■ 185.7350, 25.7666,
42.3284

■ 243.2830, -2.6045,
-4.6332

■ 171.6360, 32.7175,
52.9392

■ 248.5770, -5.2145,
-7.5220

■ 157.2490, 39.8102,
64.6796

■ 248.8760, -5.3619,
-6.9073

142.8620, 46.9030,
76.4200

249.1750, -5.5093,
-6.2925

128.4750, 53.9958,
88.1604

249.4740, -5.6567,
-5.6777

113.7890, 61.2360,
99.2860

250.0720, -5.9515,
-4.4481

99.9890, 68.0394,
110.5116

250.3710, -6.0989,
-3.8334

94.7060, 70.6439,
115.1448

250.6700, -6.2463,
-3.2186

Harmonies

Analogous

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



212.2550, 20.0873, -2.8546



214.5090, 11.5811, 18.8476



215.0350, 0.4757, 34.1723

Triad

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



214.5090, 11.5811, 18.8476



209.9860, -22.1781, 20.1833



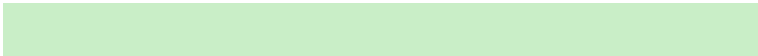
200.8460, 13.3869, -47.2229

Complementary

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



214.5090, 11.5811, 18.8476



222.4910, -11.5811, -18.8476

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.



202.3990, 1.2823, -38.0609



214.5090, 11.5811, 18.8476



207.5490, -19.4977, 0.3955

Square

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



214.5090, 11.5811, 18.8476



212.2850, -18.8745, 33.9531



205.0070, -10.8495, -20.1771



203.3440, 21.5224, -43.2747

Rectangle

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



214.5090, 11.5811, 18.8476



213.0370, -5.9342, 36.8016



205.0070, -10.8495, -20.1771



201.2330, 9.7451, -45.8083

Sweetspot

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



214.5090, 11.5811, 18.8476



247.0700, 3.9095, 6.0776



205.2070, 16.1669, -5.4435



123.0050, 2.4625, 3.5036



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.



214.5090, 11.5811, 18.8476



224.1660, 15.2012, 24.4104



213.1690, 3.8607, 21.7768



112.6570, 3.6201, 5.5628



73.0020, 54.7220, 88.5752



22.2310, 16.6481, 26.9844

Inverse Universe

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



210.8890, -4.8753, 23.7763



219.5910, -6.2074, 31.0537



223.8310, -3.8607, -21.7768



111.5880, -1.7689, 7.3773



56.0420, -23.1917, 112.2192



17.0860, -6.9444, 34.1276

Previews

White Background



This preview shows how the YUV color 214.5090, 11.5811, 18.8476 looks on a white background.

Color Contrast Check

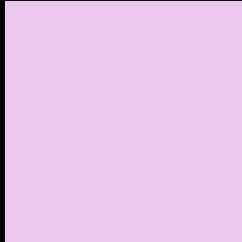
Large Text (above 18pt) WCAG AA × Fail

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 214.5090, 11.5811, 18.8476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

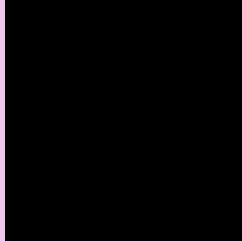
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 214.5090, 11.5811, 18.8476

Background



This preview shows how black text looks on a background with the YUV color 214.5090, 11.5811, 18.8476.



This preview shows how white text looks on a background with the YUV color 214.5090, 11.5811,

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

214.5090, 11.5811, 18.8476

Protanopia

211.6090, 16.4618, -6.6731

Deuteranopia

212.8340, 11.9138, 5.4076



Tritanopia

213.0930, 2.4192, 17.4584

Trichromacy



Original Color

214.5090, 11.5811, 18.8476

Protanomaly

212.5070, 14.5400, 3.0634

Deuteranomaly

213.4540, 11.6082, 10.1258

Tritanomaly

213.6030, 5.6187, 17.8882

Monochromacy



Original Color

214.5090, 11.5811, 18.8476

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.7820, 4.0515, 7.2072

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.5090, 11.5811, 18.8476 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, 199, 238)` looks like.

```
.text, #text, p{  
    color:rgb(236, 199, 238)  
}
```

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, 199, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 199, 238) }
```

Border

The CSS property to change the border of an element to YUV 214.5090, 11.5811, 18.8476 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, 199, 238) }
```


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

```
.border{ border-color:rgb(236, 199, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 199, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 199, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 199, 238);  
box-shadow:4px 4px 4px 4px rgb(236, 199,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 214.5090, 11.5811, 18.8476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 199, 238) }
```

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

```
.background{ background-color: rgb(236,  
199, 238) }
```

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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