

Converting Colors

YUV(212.9640, 14.8077,
10.5556)

Have a look what the booklet for
YUV(212.9640, 14.8077, 10.5556)
contains.

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Color

**YUV(212.9640, 14.8077,
10.5556)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C9F3
RGB	225, 201, 243
RGB Percent	88%, 79%, 95%
CMY	0.1176, 0.2118, 0.0471
CMYK	0.07, 0.17, 0.00, 0.05
HSL	274°, 64%, 87%
HSV	274°, 17%, 95%
XYZ	68.1156, 64.2519, 93.6058
YIQ	212.9640, 0.8220, 18.1500

Conversions

Conversions Part 2

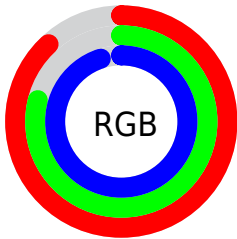
Format	Color
R _Y B	225, 201, 243
Decimal	14797299
CIE Lab	84.10, 15.99, -17.59
CIE LCh	84, 23.774, 312.277
Yxy	64.2519, 0.3014, 0.2843
Android (android.graphics.Color)	4292987379 (0xFFE1C9F3)
YUV	212.9640, 14.8077, 10.5556
Hunter-Lab	80.1573, 11.4096, -13.1274

Details

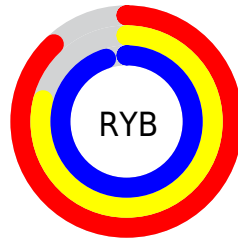
The YUV color **212.9640, 14.8077, 10.5556** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **231.0360, -14.8077, -10.5556**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **158.4370, 14.0816, 10.1408** is the 20% darker color. If you saturate the color by 10%, you get **195.8860, 23.2272, 16.7630**, and if you desaturate by 10%, it is **230.0420, 6.3883, 4.3482**.

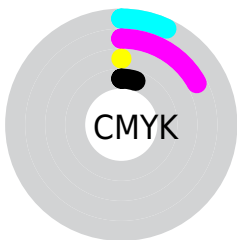
Distribution



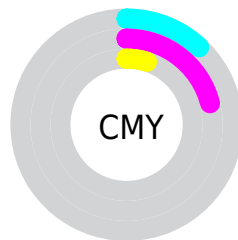
- Red (88%)
- Green (79%)
- Blue (95%)



- Red (88%)
- Yellow (79%)
- Blue (95%)



- Cyan (7%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (12%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.9640, 14.8077, 10.5556 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 212.9640, 14.8077, 10.5556 by changing the saturation by 10% instead.

■ 212.9640, 14.8077,
10.5556

■ 212.9640, 14.8077,
10.5556

255.0000, 0.0000,
0.0000

■ 185.5510, 14.5184,
10.0408

■ 158.4370, 14.0816,
10.1408

■ 132.0240, 13.7922,
9.6260

■ 106.6110, 13.5028,
9.1112

■ 82.0840, 12.7766,
8.6963

■ 59.2580, 12.1978,
7.6667

■ 36.8450, 11.9084,

7.1519

■ 14.2690, 12.1924,
9.4111

■ 2.5250, 7.1362,
-2.2144

■ 212.9640, 14.8077,
10.5556

■ 212.9640, 14.8077,
10.5556

■ 195.8860, 23.2272,
16.7630

■ 230.0420, 6.3883,
4.3482

■ 177.9220, 32.0835,
22.8704

■ 248.0060, -2.4680,
-1.7593

■ 160.8440, 40.5029,
29.0778

■ 253.6320, -5.2416,
1.1997

■ 143.4670, 49.0698,
34.6704

■ 125.8020, 57.7786,
41.3926

■ 108.7240, 66.1981,
47.6001

■ 91.3470, 74.7649,
53.1927

■ 74.2690, 83.1844,
59.4001

■ 69.2630, 85.6523,
61.1593

Harmonies

Analogous

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



210.1290, 21.1354, -12.3911



212.9640, 14.8077, 10.5556



213.5550, 5.1494, 28.4543

Triad

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



212.9640, 14.8077, 10.5556



210.3610, -20.8840, 25.1164



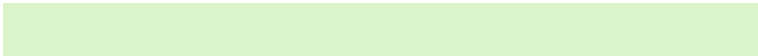
200.9020, 8.4293, -43.7641

Complementary

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



212.9640, 14.8077, 10.5556



231.0360, -14.8077, -10.5556

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.



202.7760, -3.8336, -30.4986



212.9640, 14.8077, 10.5556



207.6640, -20.5404, 8.1877

Square

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



212.9640, 14.8077, 10.5556



211.9200, -15.2436, 36.0272



205.4380, -14.5129, -11.7851



201.8230, 18.3283, -45.4488

Rectangle

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



212.9640, 14.8077, 10.5556



213.6500, -2.2925, 35.3869



205.4380, -14.5129, -11.7851



201.3000, 4.7821, -40.6051

Sweetspot

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



212.9640, 14.8077, 10.5556



245.8740, 4.4991, 3.6185



216.3540, 13.1365, -13.4655



122.1080, 2.9048, 1.6593



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.



212.9640, 14.8077, 10.5556



216.4250, 19.0175, 13.6593



218.0040, 10.8440, 21.9215



113.4610, 4.2097, 3.1037



52.8980, 65.6193, 46.5705



16.8920, 20.7592, 15.0037

Inverse Universe

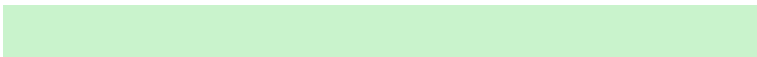
The Inverse Universe completely reimagines the original color for something new.



215.6100, 1.6713, 24.0210



219.7680, 2.0864, 30.8985



225.9960, -10.8440, -21.9215



114.1580, 0.4151, 6.8774



64.7340, 7.5261, 106.3503



20.4910, 2.2229, 33.7724

Previews

White Background



This preview shows how the YUV color 212.9640, 14.8077, 10.5556 looks on a white background.

Color Contrast Check

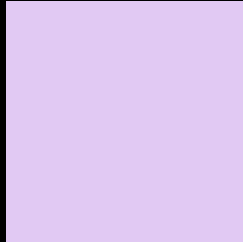
Large Text (above 18pt) WCAG AA × Fail

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 212.9640, 14.8077, 10.5556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

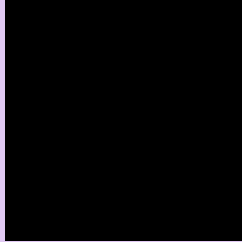
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.9640, 14.8077, 10.5556

Background



This preview shows how black text looks on a background with the YUV color 212.9640, 14.8077, 10.5556.



This preview shows how white text looks on a background with the YUV color 212.9640, 14.8077, 10.5556.

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

212.9640, 14.8077, 10.5556

Protanopia

210.7660, 18.3564, -7.6878

Deuteranopia

212.2080, 14.6875, 2.4486



Tritanopia

211.9070, 4.4828, 8.8516

Trichromacy



Original Color

212.9640, 14.8077, 10.5556

Protanomaly

211.1690, 17.1717, -1.0252

Deuteranomaly

212.8170, 14.3872, 5.4225

Tritanomaly

212.5310, 8.1192, 9.1813

Monochromacy



Original Color

212.9640, 14.8077, 10.5556

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.1020, 5.3727, 3.4185

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.9640, 14.8077, 10.5556 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(225, 201, 243)` looks like.

```
.text, #text, p{  
    color:rgb(225, 201, 243)  
}
```

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(225, 201, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 201, 243) }
```

Border

The CSS property to change the border of an element to YUV 212.9640, 14.8077, 10.5556 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(225, 201, 243) }
```


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

```
.border{ border-color:rgb(225, 201, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 201, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 201, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 201, 243);  
box-shadow:4px 4px 4px 4px rgb(225, 201,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 212.9640, 14.8077, 10.5556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 201, 243) }
```

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

```
.background{ background-color: rgb(225,  
201, 243) }
```

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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