

Converting Colors

YUV(212.0940, 17.7017,
15.7036)

Have a look what the booklet for
YUV(212.0940, 17.7017, 15.7036)
contains.

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Color

**YUV(212.0940, 17.7017,
15.7036)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C4F8
RGB	230, 196, 248
RGB Percent	90%, 77%, 97%
CMY	0.0980, 0.2314, 0.0275
CMYK	0.07, 0.21, 0.00, 0.03
HSL	279°, 79%, 87%
HSV	279°, 21%, 97%
XYZ	69.3163, 63.0802, 97.3293
YIQ	212.0940, 3.5720, 23.3800

Conversions

Conversions Part 2

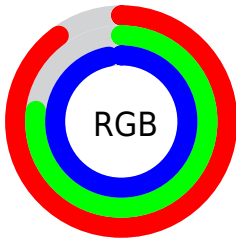
Format	Color
R _Y B	230, 196, 248
Decimal	15123704
CIE Lab	83.48, 21.25, -21.13
CIE LCh	83, 29.968, 315.150
Yxy	63.0802, 0.3017, 0.2746
Android (android.graphics.Color)	4293313784 (0xFFE6C4F8)
YUV	212.0940, 17.7017, 15.7036
Hunter-Lab	79.4230, 16.7953, -17.0611

Details

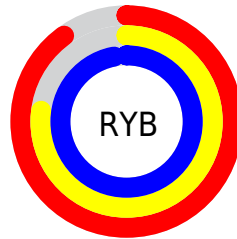
The YUV color $212.0940, 17.7017, 15.7036$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $231.9060, -17.7017, -15.7036$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8260, 0.5788, 1.0296$, and $157.2680, 17.1229, 14.6740$ is the 20% darker color. If you saturate the color by 10%, you get $194.7280, 26.2631, 23.0405$, and if you desaturate by 10%, it is $229.4600, 9.1402, 8.3666$.

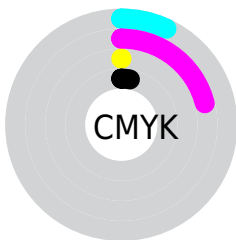
Distribution



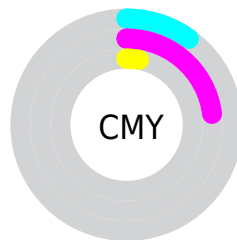
- Red (90%)
- Green (77%)
- Blue (97%)



- Red (90%)
- Yellow (77%)
- Blue (97%)



- Cyan (7%)
- Magenta (21%)
- Yellow (0%)
- Black (3%)



- Cyan (10%)
- Magenta (23%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.0940, 17.7017, 15.7036 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 212.0940, 17.7017, 15.7036 by changing the saturation by 10% instead.

212.0940, 17.7017,
15.7036

212.0940, 17.7017,
15.7036

255.0000, 0.0000,
0.0000

184.5670, 16.9755,
15.2887

253.8260, 0.5788,
1.0296

157.2680, 17.1229,
14.6740

130.7410, 16.3967,
14.2591

105.9150, 15.8179,
13.2295

81.3880, 15.0917,
12.8147

57.9750, 14.8023,
12.2999

35.7360, 13.9342,

10.7555

■ 13.1600, 14.2181,
13.0147

■ 2.9810, 8.8834,
-2.6143

■ 212.0940, 17.7017,
15.7036

■ 212.0940, 17.7017,
15.7036

■ 194.7280, 26.2631,
23.0405

■ 229.4600, 9.1402,
8.3666

■ 177.6610, 34.6771,
30.9923

■ 246.5270, 0.7262,
0.4148

■ 160.8820, 42.9492,
37.8145

■ 254.2020, -3.0576,
0.6998

■ 143.8150, 51.3632,
45.7662

■ 126.4490, 59.9246,
53.1032

■ 109.0830, 68.4861,
60.4402

■ 92.0160, 76.9001,
68.3920

■ 76.7100, 84.4460,
74.7993

Harmonies

Analogous

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



207.6990, 23.3194, -12.8910



212.0940, 17.7017, 15.7036



212.6100, 5.1223, 37.1760

Triad

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



212.0940, 17.7017, 15.7036



207.6020, -26.4258, 29.2900



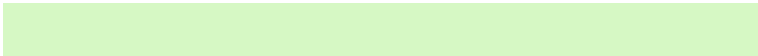
195.0680, 13.2775, -58.8186

Complementary

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



212.0940, 17.7017, 15.7036



231.9060, -17.7017, -15.7036

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.



197.7530, -2.3432, -41.8794



212.0940, 17.7017, 15.7036



205.2850, -25.7765, 7.6431

Square

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



212.0940, 17.7017, 15.7036



208.8020, -19.6224, 40.5156



201.5360, -16.5332, -17.1331



195.8580, 25.2130, -60.3885

Rectangle

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



212.0940, 17.7017, 15.7036



209.2700, -2.5981, 40.1052



201.5360, -16.5332, -17.1331



195.4230, 8.1725, -54.7450

Sweetspot

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



212.0940, 17.7017, 15.7036



244.7000, 5.0779, 4.6481



212.4940, 17.5045, -14.4652



121.5210, 3.1941, 2.1741



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.



212.0940, 17.7017, 15.7036



210.8540, 21.7640, 19.4220



216.5640, 11.5539, 27.5694



116.1730, 4.3517, 4.2333



58.3230, 64.4238, 56.7217



18.9140, 20.7484, 18.4924

Inverse Universe

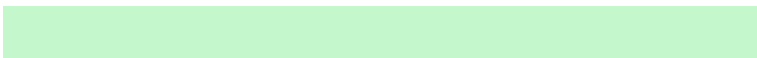
The Inverse Universe completely reimagines the original color for something new.



213.6000, 0.1972, 30.1688



212.6440, 0.1755, 37.1462



227.4360, -11.5539, -27.5694



116.4570, 0.2677, 7.4922



63.9210, 0.5319, 109.6943



20.6330, 0.1809, 35.4019

Previews

White Background



This preview shows how the YUV color 212.0940, 17.7017, 15.7036 looks on a white background.

Color Contrast Check

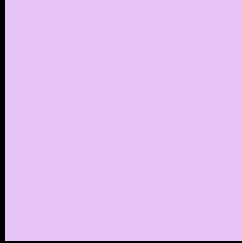
Large Text (above 18pt) WCAG AA × Fail

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 212.0940, 17.7017, 15.7036 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 212.0940, 17.7017, 15.7036

Background



This preview shows how black text looks on a background with the YUV color 212.0940, 17.7017, 15.7036.

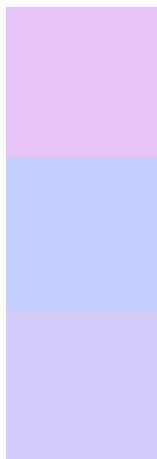


This preview shows how white text looks on a background with the YUV color 212.0940, 17.7017, 15.7036.

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

212.0940, 17.7017, 15.7036

Protanopia

208.8950, 22.7298, -10.4319

Deuteranopia

210.1090, 18.1873, -0.0956



Tritanopia

210.0000, 3.4510, 13.1550

Trichromacy



Original Color

212.0940, 17.7017, 15.7036

Protanomaly

209.7930, 20.8081, -0.6955

Deuteranomaly

210.4410, 18.0236, 5.7522

Tritanomaly

210.6780, 8.5397, 14.3144

Monochromacy



Original Color

212.0940, 17.7017, 15.7036

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.0530, 6.3829, 6.0925

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.0940, 17.7017, 15.7036 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(230, 196, 248)` looks like.

```
.text, #text, p{  
    color:rgb(230, 196, 248)  
}
```

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(230, 196, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 196, 248) }
```

Border

The CSS property to change the border of an element to YUV 212.0940, 17.7017, 15.7036 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(230, 196, 248) }
```


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

```
.border{ border-color:rgb(230, 196, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 196, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 196, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 196, 248);  
box-shadow:4px 4px 4px 4px rgb(230, 196,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 212.0940, 17.7017, 15.7036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 196, 248) }
```

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

```
.background{ background-color: rgb(230,  
196, 248) }
```

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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