

Converting Colors

YUV(218.0140, 12.3181,
15.7737)

Have a look what the booklet for
YUV(218.0140, 12.3181, 15.7737)
contains.

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Color

**YUV(218.0140, 12.3181,
15.7737)**

Conversions

Conversions Part 1

Format	Color
Hex	ECCCCF3
RGB	236, 204, 243
RGB Percent	93%, 80%, 95%
CMY	0.0745, 0.2000, 0.0471
CMYK	0.03, 0.16, 0.00, 0.05
HSL	289°, 62%, 88%
HSV	289°, 16%, 95%
XYZ	72.3626, 67.4897, 94.0069
YIQ	218.0140, 6.5530, 18.9130

Conversions

Conversions Part 2

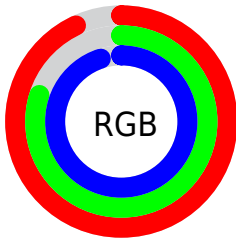
Format	Color
R _Y B	236, 204, 243
Decimal	15518963
CIE Lab	85.75, 17.98, -15.01
CIE LCh	86, 23.420, 320.139
Yxy	67.4897, 0.3094, 0.2886
Android (android.graphics.Color)	4293709043 (0xFFECCC3)
YUV	218.0140, 12.3181, 15.7737
Hunter-Lab	82.1521, 13.4632, -10.3393

Details

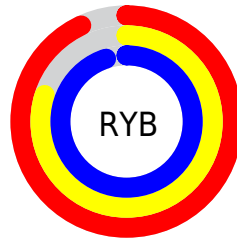
The YUV color **218.0140, 12.3181, 15.7737** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **228.9860, -12.3181, -15.7737**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **163.1880, 11.7393, 14.7441** is the 20% darker color. If you saturate the color by 10%, you get **202.7300, 19.8531, 25.6698**, and if you desaturate by 10%, it is **233.2980, 4.7831, 5.8777**.

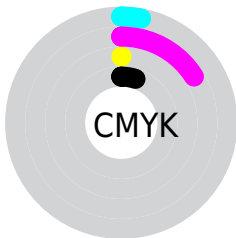
Distribution



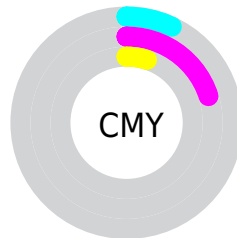
- Red (93%)
- Green (80%)
- Blue (95%)



- Red (93%)
- Yellow (80%)
- Blue (95%)



- Cyan (3%)
- Magenta (16%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.0140, 12.3181, 15.7737 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 218.0140, 12.3181, 15.7737 by changing the saturation by 10% instead.

218.0140, 12.3181,
15.7737

218.0140, 12.3181,
15.7737

255.0000, 0.0000,
0.0000

190.0140, 12.3181,
15.7737

163.1880, 11.7393,
14.7441

136.7750, 11.4499,
14.2293

111.3620, 11.1605,
13.7145

86.8350, 10.4343,
13.2997

63.1230, 10.2924,
12.1701

40.7100, 10.0030,

11.6553

■ 18.7100, 10.0030,
11.6553

■ 2.5250, 7.1362,
-2.2144

■ 218.0140, 12.3181,
15.7737

■ 218.0140, 12.3181,
15.7737

■ 202.7300, 19.8531,
25.6698

■ 233.2980, 4.7831,
5.8777

■ 186.5600, 27.8249,
35.4659

■ 249.4680, -3.1887,
-3.9184

■ 171.2760, 35.3599,
45.3619

■ 251.8380, -4.3571,
-2.4889

■ 155.9920, 42.8949,
55.2580

■ 253.0340, -4.9468,
-0.0298

■ 140.4090, 50.5774,
64.5393

■ 253.6320, -5.2416,
1.1997

■ 124.5380, 58.4018,
74.9502

■ 108.9550, 66.0842,
84.2315

■ 93.6710, 73.6192,
94.1275

■ 87.2030, 76.8079,
98.0460

Harmonies

Analogous

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



215.4180, 19.5139, -5.6286



218.0140, 12.3181, 15.7737



218.1810, 2.3758, 31.4133

Triad

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



218.0140, 12.3181, 15.7737



213.9260, -21.1625, 21.1129



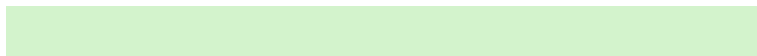
205.4010, 11.6343, -45.0787

Complementary

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



218.0140, 12.3181, 15.7737



228.9860, -12.3181, -15.7737

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.



206.6660, -0.3283, -34.7871



218.0140, 12.3181, 15.7737



212.2720, -19.3611, 3.2695

Square

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



218.0140, 12.3181, 15.7737



216.0400, -17.2747, 34.1679



208.8010, -11.7339, -16.4885



207.0020, 20.2120, -42.9748

Rectangle

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



218.0140, 12.3181, 15.7737



216.6560, -4.7604, 33.6277



208.8010, -11.7339, -16.4885



205.3860, 7.6977, -42.4345

Sweetspot

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



218.0140, 12.3181, 15.7737



246.7710, 4.0569, 5.4628



212.5550, 15.0094, -7.5027



122.7060, 2.6099, 2.8888



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.



218.0140, 12.3181, 15.7737



224.1330, 15.2174, 19.1774



218.7390, 6.0447, 21.2769



114.3580, 3.7675, 4.9480



66.9510, 58.6912, 75.4650



21.0780, 18.6955, 23.6106

Inverse Universe

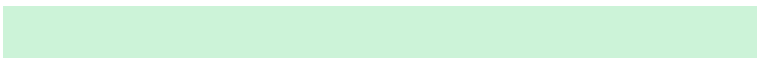
The Inverse Universe completely reimagines the original color for something new.



216.4590, -2.6913, 23.2765



222.2640, -3.5812, 28.7095



228.2610, -6.0447, -21.2769



113.8160, -0.8953, 7.1774



59.3760, -13.0034, 111.0492



18.8950, -3.8922, 35.1721

Previews

White Background



This preview shows how the YUV color 218.0140, 12.3181, 15.7737 looks on a white background.

Color Contrast Check

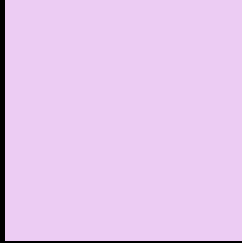
Large Text (above 18pt) WCAG AA × Fail

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 218.0140, 12.3181, 15.7737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

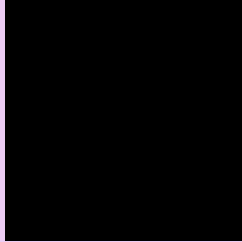
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.0140, 12.3181, 15.7737

Background



This preview shows how black text looks on a background with the YUV color 218.0140, 12.3181, 15.7737.



This preview shows how white text looks on a background with the YUV color 218.0140, 12.3181, 15.7737.

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

218.0140, 12.3181, 15.7737

Protanopia

215.6090, 16.4618, -6.6731

Deuteranopia

216.6490, 12.4980, 4.6928



Tritanopia

216.7120, 3.5930, 14.2846

Trichromacy



Original Color

218.0140, 12.3181, 15.7737

Protanomaly

216.6100, 14.9823, 1.2190

Deuteranomaly

216.9700, 12.3398, 8.7963

Tritanomaly

217.2220, 6.7926, 14.7143

Monochromacy



Original Color

218.0140, 12.3181, 15.7737

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.1840, 4.3463, 5.9776

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.0140, 12.3181, 15.7737 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, 204, 243)` looks like.

```
.text, #text, p{  
    color:rgb(236, 204, 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(236, 204, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 204, 243) }
```

Border

The CSS property to change the border of an element to YUV 218.0140, 12.3181, 15.7737 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, 204, 243) }
```


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

```
.border{ border-color:rgb(236, 204, 243) }
```

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

Here you see how a box with a 4 pixel rgb(236, 204, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 204, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 204, 243);  
box-shadow:4px 4px 4px 4px rgb(236, 204,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 218.0140, 12.3181, 15.7737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 204, 243) }
```

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

```
.background{ background-color: rgb(236,  
204, 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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