

Converting Colors

YUV(219.1400, 7.8190, 12.1552)

Have a look what the booklet for
YUV(219.1400, 7.8190, 12.1552)
contains.

YUV(219.1400, 7.8190, 12.1552)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(219.1400, 7.8190,
12.1552)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D1EB
RGB	233, 209, 235
RGB Percent	91%, 82%, 92%
CMY	0.0863, 0.1804, 0.0784
CMYK	0.01, 0.11, 0.00, 0.08
HSL	295°, 39%, 87%
HSV	295°, 11%, 92%
XYZ	71.4001, 68.9227, 88.1375
YIQ	219.1400, 5.9580, 13.1740

Conversions

Conversions Part 2

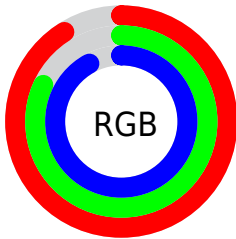
Format	Color
R _Y B	233, 209, 235
Decimal	15323627
CIE Lab	86.47, 12.86, -9.73
CIE LCh	86, 16.126, 322.896
Yxy	68.9227, 0.3125, 0.3017
Android (android.graphics.Color)	4293513707 (0xFFE9D1EB)
YUV	219.1400, 7.8190, 12.1552
Hunter-Lab	83.0197, 8.2323, -4.8312

Details

The YUV color $219.1400, 7.8190, 12.1552$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $224.8600, -7.8190, -12.1552$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $164.3140, 7.2402, 11.1256$ is the 20% darker color. If you saturate the color by 10%, you get $205.0410, 14.7698, 22.7660$, and if you desaturate by 10%, it is $233.8260, 0.5788, 1.0296$.

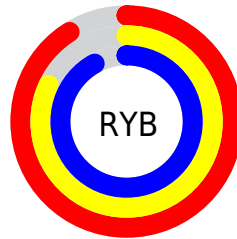
Distribution



Red (91%)

Green (82%)

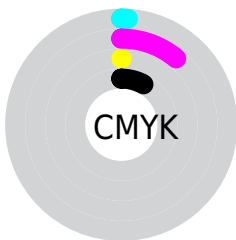
Blue (92%)



Red (91%)

Yellow (82%)

Blue (92%)

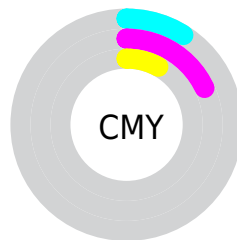


Cyan (1%)

Magenta (11%)

Yellow (0%)

Black (8%)



Cyan (9%)


Magenta (18%)


Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.1400, 7.8190, 12.1552 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 219.1400, 7.8190, 12.1552 by changing the saturation by 10% instead.


 219.1400, 7.8190,
12.1552

 219.1400, 7.8190,
12.1552


255.0000, 0.0000,
0.0000


 191.1400, 7.8190,
12.1552

 164.3140, 7.2402,
11.1256

 137.9010, 6.9508,
10.6108

 112.0150, 7.3876,
10.5108

 87.6020, 7.0982,
9.9960

 64.1890, 6.8088,
9.4812

 42.3630, 6.2300,

8.4516

■ 21.2490, 5.7932,
8.5516

■ 1.0260, 3.9312,
-0.8998

■ 219.1400, 7.8190,
12.1552

■ 219.1400, 7.8190,
12.1552

■ 205.0410, 14.7698,
22.7660

■ 233.8260, 0.5788,
1.0296

■ 190.3550, 22.0100,
33.8917

■ 247.3380, -6.0826,
-9.0664

■ 176.5550, 28.8134,
45.1173

■ 247.6370, -6.2300,
-8.4516

■ 161.8690, 36.0536,
56.2429

■ 248.2350, -6.5249,
-7.2221

147.7700, 43.0044,
66.8537

248.8330, -6.8197,
-5.9925

133.0840, 50.2446,
77.9793

249.4310, -7.1145,
-4.7630

118.9850, 57.1954,
88.5902

250.0290, -7.4093,
-3.5334

104.5980, 64.2882,
100.3306

250.3280, -7.5567,
-2.9187

91.6730, 70.6602,
109.9118

250.9260, -7.8515,
-1.6891

Harmonies

Analogous

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



217.7190, 12.9565, -2.3846



219.1400, 7.8190, 12.1552



219.3710, 0.8031, 22.4766

Triad

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



219.1400, 7.8190, 12.1552



216.1900, -14.8837, 13.8654



210.9900, 8.3859, -29.8092

Complementary

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



219.1400, 7.8190, 12.1552



224.8600, -7.8190, -12.1552

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.



211.2590, 0.3653, -23.9061



219.1400, 7.8190, 12.1552



214.5690, -13.0985, 1.2550

Square

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



219.1400, 7.8190, 12.1552



217.6410, -12.1480, 23.1168



212.6750, -7.2348, -12.8700



212.3800, 13.6167, -27.5203

Rectangle

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



219.1400, 7.8190, 12.1552



219.3130, -4.5913, 26.0355



212.6750, -7.2348, -12.8700



210.7190, 6.0545, -28.6946

Sweetspot

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



219.1400, 7.8190, 12.1552



250.0050, 2.4625, 3.5036



213.1380, 10.7780, -3.6290



124.1790, 1.8838, 2.4740



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.



219.1400, 7.8190, 12.1552



234.7320, 9.9921, 15.1440



218.4840, 2.7194, 14.4845



110.2440, 3.3307, 5.0480



70.5670, 54.4435, 84.5717



20.8070, 16.3641, 24.7253

Inverse Universe

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



217.0020, -2.9590, 15.7842



232.0950, -3.9908, 20.0877



225.5160, -2.7194, -14.4845



109.2890, -1.6215, 6.7625



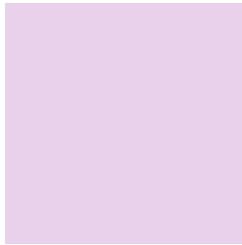
55.7150, -20.5655, 109.8749



16.6020, -6.2128, 32.7980

Previews

White Background



This preview shows how the YUV color 219.1400, 7.8190, 12.1552 looks on a white background.

Color Contrast Check

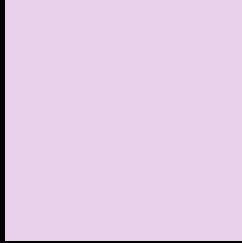
Large Text (above 18pt) WCAG AA × Fail

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 219.1400, 7.8190, 12.1552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

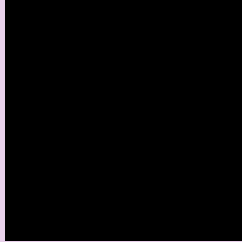
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 219.1400, 7.8190, 12.1552

Background



This preview shows how black text looks on a background with the YUV color 219.1400, 7.8190, 12.1552.



This preview shows how white text looks on a background with the YUV color 219.1400, 7.8190,

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

219.1400, 7.8190, 12.1552

Protanopia

217.4370, 10.6306, -3.0142

Deuteranopia

218.5310, 8.1192, 9.1813



Tritanopia

218.5160, 4.1826, 11.8255

Trichromacy



Original Color

219.1400, 7.8190, 12.1552

Protanomaly

218.2420, 9.7407, 2.4188

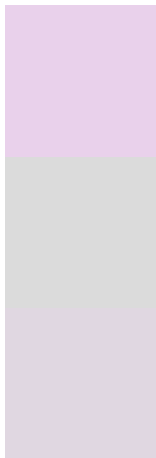
Deuteranomaly

218.8300, 7.9718, 9.7961

Tritanomaly

218.8580, 5.4930, 11.5255

Monochromacy



Original Color

219.1400, 7.8190, 12.1552

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.8310, 3.0413, 4.5332

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.1400, 7.8190, 12.1552 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(233, 209, 235)` looks like.

```
.text, #text, p{  
    color:rgb(233, 209, 235)  
}
```

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(233, 209, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 209, 235) }
```

Border

The CSS property to change the border of an element to YUV 219.1400, 7.8190, 12.1552 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(233, 209, 235) }
```


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

```
.border{ border-color:rgb(233, 209, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 209, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 209, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 209, 235); box-shadow:4px 4px 4px 4px rgb(233, 209, 235) }
```

Background

The CSS property to change the background color of an element to YUV 219.1400, 7.8190, 12.1552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 209, 235) }
```

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

```
.background{ background-color: rgb(233,  
209, 235) }
```

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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