

Converting Colors

YUV(207.3010, 17.1066,
19.9070)

Have a look what the booklet for
YUV(207.3010, 17.1066, 19.9070)
contains.

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Color

**YUV(207.3010, 17.1066,
19.9070)**

Conversions

Conversions Part 1

Format	Color
Hex	E6BDF2
RGB	230, 189, 242
RGB Percent	90%, 74%, 95%
CMY	0.0980, 0.2588, 0.0510
CMYK	0.05, 0.22, 0.00, 0.05
HSL	286°, 67%, 85%
HSV	286°, 22%, 95%
XYZ	66.8577, 59.6290, 91.9902
YIQ	207.3010, 7.4230, 25.1750

Conversions

Conversions Part 2

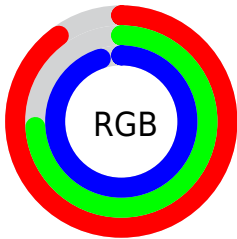
Format	Color
R _Y B	230, 189, 242
Decimal	15121906
CIE _{Lab}	81.64, 23.83, -20.73
CIE _{LCh}	82, 31.585, 318.974
Yxy	59.6290, 0.3060, 0.2729
Android (android.graphics.Color)	4293311986 (0xFFE6BDF2)
YUV	207.3010, 17.1066, 19.9070
Hunter-Lab	77.2198, 19.4125, -16.5769

Details

The YUV color $207.3010, 17.1066, 19.9070$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $223.6990, -17.1066, -19.9070$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.1300, 2.8939, 5.1480$, and $152.4750, 16.5278, 18.8774$ is the 20% darker color. If you saturate the color by 10%, you get $191.7180, 24.7890, 29.1883$, and if you desaturate by 10%, it is $222.8840, 9.4242, 10.6257$.

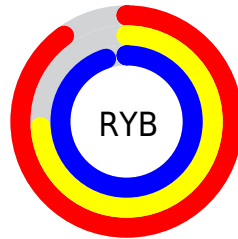
Distribution



Red (90%)

Green (74%)

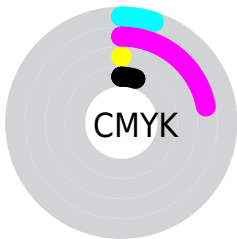
Blue (95%)



Red (90%)

Yellow (74%)

Blue (95%)

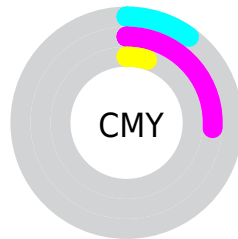


Cyan (5%)

Magenta (22%)

Yellow (0%)

Black (5%)



Cyan (10%)


Magenta (26%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 207.3010, 17.1066, 19.9070 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 207.3010, 17.1066, 19.9070 by changing the saturation by 10% instead.


 207.3010, 17.1066,
19.9070


 207.3010, 17.1066,
19.9070


255.0000, 0.0000,
0.0000


 179.8880, 16.8172,
19.3922


 249.1300, 2.8939,
5.1480

 152.4750, 16.5278,
18.8774

 126.6490, 15.9490,
17.8478

 101.2360, 15.6597,
17.3330

 76.7090, 14.9335,
16.9182

 53.5840, 14.5021,
15.2738

 31.1710, 14.2127,

14.7590

■ 13.0030, 12.3235,
14.0294

■ 2.2970, 6.2626,
-2.0145

■ 207.3010, 17.1066,
19.9070

■ 207.3010, 17.1066,
19.9070

■ 191.7180, 24.7890,
29.1883

■ 222.8840, 9.4242,
10.6257

■ 175.8360, 32.6189,
37.8548

■ 238.7660, 1.5944,
1.9592

■ 159.6660, 40.5907,
47.6509

■ 250.8270, -4.3517,
-4.2333

■ 143.7840, 48.4205,
56.3174

■ 252.6210, -5.2362,
-0.5446

■ 128.2010, 56.1029,
65.5987

■ 253.5180, -5.6784,
1.2997

■ 112.3190, 63.9327,
74.2652

■ 96.7360, 71.6152,
83.5465

■ 83.5010, 78.1400,
90.7686

Harmonies

Analogous

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



203.2910, 25.4925, -9.9022



207.3010, 17.1066, 19.9070



207.5890, 3.6536, 41.5794

Triad

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



207.3010, 17.1066, 19.9070



202.1350, -28.1676, 27.9456



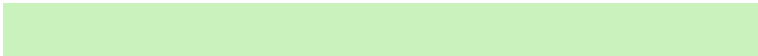
187.8330, 16.3513, -64.7515

Complementary

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



207.3010, 17.1066, 19.9070



223.6990, -17.1066, -19.9070

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.



191.5890, -0.2904, -46.9976



207.3010, 17.1066, 19.9070



199.5620, -25.9131, 4.7691

Square

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



207.3010, 17.1066, 19.9070



204.7270, -22.5434, 44.0894



195.3290, -15.9382, -21.3365



190.2320, 27.9866, -63.3475

Rectangle

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



207.3010, 17.1066, 19.9070



204.7220, -4.7929, 44.0938



195.3290, -15.9382, -21.3365



189.0740, 10.8095, -60.5779

Sweetspot

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



207.3010, 17.1066, 19.9070



243.2380, 5.7987, 6.8073



202.0860, 19.6776, -11.4764



120.6460, 3.6255, 3.8185



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.



207.3010, 17.1066, 19.9070



211.7730, 21.3109, 24.7551



209.2930, 9.2226, 28.6840



112.0590, 3.9149, 4.3333



63.4340, 59.4390, 68.9024



19.2410, 18.1222, 20.8366

Inverse Universe

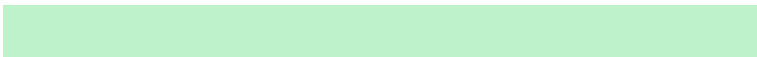
The Inverse Universe completely reimagines the original color for something new.



206.2150, -2.5710, 31.3834



210.4440, -3.1769, 39.0756



221.7070, -9.2226, -28.6840



111.9300, -0.4585, 7.0774



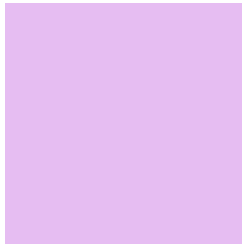
59.8040, -8.7774, 108.9199



18.2260, -2.5764, 33.1278

Previews

White Background



This preview shows how the YUV color 207.3010, 17.1066, 19.9070 looks on a white background.

Color Contrast Check

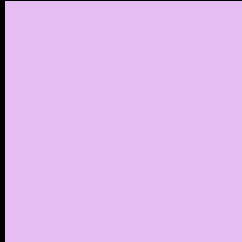
Large Text (above 18pt) WCAG AA × Fail

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 207.3010, 17.1066, 19.9070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

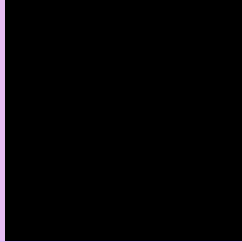
Any Text WCAG AA ✓ Pass

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 207.3010, 17.1066, 19.9070 Background



This preview shows how black text looks on a background with the YUV color 207.3010, 17.1066, 19.9070.



This preview shows how white text looks on a background with the YUV color 207.3010, 17.1066,

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

207.3010, 17.1066, 19.9070

Protanopia

203.8950, 22.7298, -10.4319

Deuteranopia

204.8810, 17.3137, 0.1044



Tritanopia

205.6800, 2.1298, 16.9436

Trichromacy



Original Color

207.3010, 17.1066, 19.9070

Protanomaly

205.3910, 20.5132, 0.5341

Deuteranomaly

205.9250, 17.2920, 7.0818

Tritanomaly

206.4720, 7.6553, 18.0031

Monochromacy



Original Color

207.3010, 17.1066, 19.9070

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

206.7650, 6.5249, 7.2221

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.3010, 17.1066, 19.9070 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, 189, 242)` looks like.

```
.text, #text, p{  
    color:rgb(230, 189, 242)  
}
```

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, 189, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 189, 242) }
```

Border

The CSS property to change the border of an element to YUV 207.3010, 17.1066, 19.9070 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, 189, 242) }
```


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

```
.border{ border-color:rgb(230, 189, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 189, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 189, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 189, 242);  
box-shadow:4px 4px 4px 4px rgb(230, 189,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 207.3010, 17.1066, 19.9070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 189, 242) }
```

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

```
.background{ background-color: rgb(230,  
189, 242) }
```

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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