

Converting Colors

YUV(217.8020, 10.4506, 8.0666)

Have a look what the booklet for
YUV(217.8020, 10.4506, 8.0666)
contains.

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Color

**YUV(217.8020, 10.4506,
8.0666)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D1EF
RGB	227, 209, 239
RGB Percent	89%, 82%, 94%
CMY	0.1098, 0.1804, 0.0627
CMYK	0.05, 0.13, 0.00, 0.06
HSL	276°, 48%, 88%
HSV	276°, 13%, 94%
XYZ	70.0590, 68.1638, 91.1258
YIQ	217.8020, 1.0980, 13.1460

Conversions

Conversions Part 2

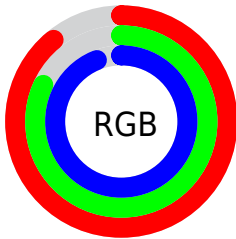
Format	Color
R_{YB}	227, 209, 239
Decimal	14930415
CIE _{Lab}	86.09, 11.62, -12.46
CIE _{LCh}	86, 17.042, 313.008
Yxy	68.1638, 0.3055, 0.2972
Android (android.graphics.Color)	4293120495 (0xFFE3D1EF)
YUV	217.8020, 10.4506, 8.0666
Hunter-Lab	82.5614, 6.9871, -7.6474

Details

The YUV color $217.8020, 10.4506, 8.0666$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $230.1980, -10.4506, -8.0666$, 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 $163.2750, 9.7244, 7.6518$ is the 20% darker color. If you saturate the color by 10%, you get $200.7240, 18.8701, 14.2741$, and if you desaturate by 10%, it is $234.8800, 2.0312, 1.8592$.

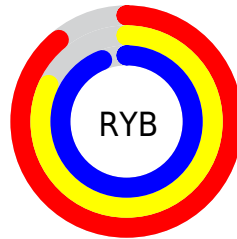
Distribution



Red (89%)

Green (82%)

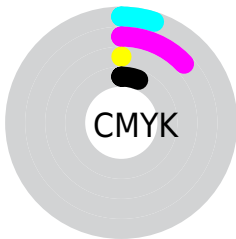
Blue (94%)



Red (89%)

Yellow (82%)

Blue (94%)

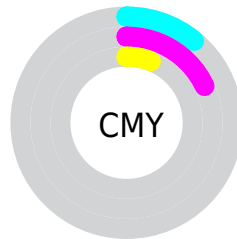


Cyan (5%)

Magenta (13%)

Yellow (0%)

Black (6%)



Cyan (11%)

Magenta (18%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.8020, 10.4506, 8.0666 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 217.8020, 10.4506, 8.0666 by changing the saturation by 10% instead.

■ 217.8020, 10.4506,
8.0666

■ 217.8020, 10.4506,
8.0666

255.0000, 0.0000,
0.0000

■ 189.8020, 10.4506,
8.0666

■ 163.2750, 9.7244,
7.6518

■ 136.8620, 9.4350,
7.1370

■ 110.8620, 9.4350,
7.1370

■ 86.4490, 9.1456,
6.6222

■ 63.0360, 8.8563,
6.1074

■ 41.5090, 8.1301,

5.6926

■ 20.3950, 7.6933,
5.7926

■ 2.1830, 5.8258,
-1.9145

■ 217.8020, 10.4506,
8.0666

■ 217.8020, 10.4506,
8.0666

■ 200.7240, 18.8701,
14.2741

■ 234.8800, 2.0312,
1.8592

■ 183.9450, 27.1421,
21.0962

■ 250.4850, -5.6621,
-3.9333

■ 166.8670, 35.5616,
27.3036

■ 253.1760, -6.9888,
1.5996

■ 150.0880, 43.8336,
34.1258

■ 133.5970, 51.9637,
39.8184

■ 116.8180, 60.2357,
46.6406

■ 99.7400, 68.6552,
52.8480

■ 82.9610, 76.9272,
59.6702

■ 70.0030, 83.3155,
64.0184

Harmonies

Analogous

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



215.6690, 15.4462, -7.6027



217.8020, 10.4506, 8.0666



218.3430, 3.2819, 20.7472

Triad

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



217.8020, 10.4506, 8.0666



215.8100, -15.1893, 18.5836



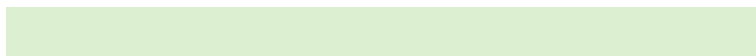
209.7080, 6.0600, -30.4389

Complementary

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



217.8020, 10.4506, 8.0666



230.1980, -10.4506, -8.0666

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.



210.1730, -2.5503, -22.0767



217.8020, 10.4506, 8.0666



213.8470, -14.7146, 6.2732

Square

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



217.8020, 10.4506, 8.0666



217.4780, -11.5747, 25.8908



211.8990, -10.3032, -8.6814



210.2440, 13.1907, -30.9090

Rectangle

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



217.8020, 10.4506, 8.0666



218.2960, -2.1179, 26.0504



211.8990, -10.3032, -8.6814



209.6220, 3.1444, -28.6095

Sweetspot

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



217.8020, 10.4506, 8.0666



247.9340, 3.4835, 2.6889



219.4640, 9.6312, -9.1769



122.9940, 2.4680, 1.7593



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.



217.8020, 10.4506, 8.0666



228.2090, 13.2080, 10.3407



221.0480, 7.3713, 15.7439



111.4610, 4.2097, 3.1037



53.8660, 64.1561, 49.2295



16.5500, 19.4489, 15.3036

Inverse Universe

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



219.3380, 0.8194, 17.2436



230.0720, 0.9505, 21.8619



226.9520, -7.3713, -15.7439



112.1580, 0.4151, 6.8774



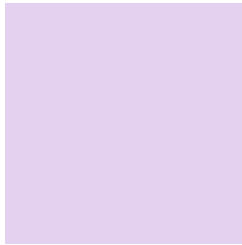
63.3380, 4.7634, 105.8206



19.2520, 1.3548, 32.2280

Previews

White Background



This preview shows how the YUV color 217.8020, 10.4506, 8.0666 looks on a white background.

Color Contrast Check

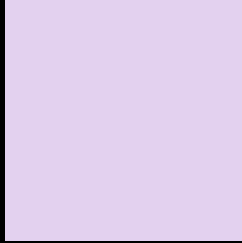
Large Text (above 18pt) WCAG AA × Fail

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 217.8020, 10.4506, 8.0666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

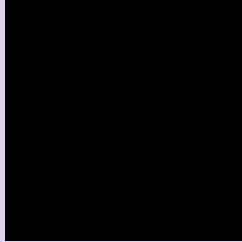
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.8020, 10.4506, 8.0666

Background



This preview shows how black text looks on a background with the YUV color 217.8020, 10.4506, 8.0666.



This preview shows how white text looks on a background with the YUV color 217.8020, 10.4506, 8.0666.

8.0666.

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

217.8020, 10.4506, 8.0666

Protanopia

216.2950, 12.6726, -4.6437

Deuteranopia

217.7910, 10.4560, 6.3223



Tritanopia

217.1240, 5.3619, 6.9073

Trichromacy



Original Color

217.8020, 10.4506, 8.0666

Protanomaly

216.8010, 11.9301, 0.1745

Deuteranomaly

218.0900, 10.3086, 6.9371

Tritanomaly

217.2920, 7.2510, 7.6369

Monochromacy



Original Color

217.8020, 10.4506, 8.0666

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.0480, 3.9203, 2.5889

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.8020, 10.4506, 8.0666 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(227, 209, 239)` looks like.

```
.text, #text, p{  
    color:rgb(227, 209, 239)  
}
```

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(227, 209, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 209, 239) }
```

Border

The CSS property to change the border of an element to YUV 217.8020, 10.4506, 8.0666 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(227, 209, 239) }
```


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

```
.border{ border-color:rgb(227, 209, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 209, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 209, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 209, 239);  
box-shadow:4px 4px 4px 4px rgb(227, 209,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 217.8020, 10.4506, 8.0666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 209, 239) }
```

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

```
.background{ background-color: rgb(227,  
209, 239) }
```

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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