

Converting Colors

YUV(217.9280, 5.9515, 4.4481)

Have a look what the booklet for
YUV(217.9280, 5.9515, 4.4481)
contains.

YUV(217.9280, 5.9515, 4.4481)	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(217.9280, 5.9515,
4.4481)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD5E6
RGB	223, 213, 230
RGB Percent	87%, 84%, 90%
CMY	0.1255, 0.1647, 0.0980
CMYK	0.03, 0.07, 0.00, 0.10
HSL	275°, 25%, 87%
HSV	275°, 7%, 90%
XYZ	68.5086, 68.9896, 84.5685
YIQ	217.9280, 0.5030, 7.4070

Conversions

Conversions Part 2

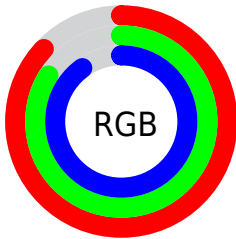
Format	Color
R _Y B	223, 213, 230
Decimal	14669286
CIE Lab	86.50, 6.50, -7.12
CIE LCh	86, 9.640, 312.383
Yxy	68.9896, 0.3085, 0.3107
Android (android.graphics.Color)	4292859366 (0xFFDFD5E6)
YUV	217.9280, 5.9515, 4.4481
Hunter-Lab	83.0600, 1.8733, -2.2248

Details

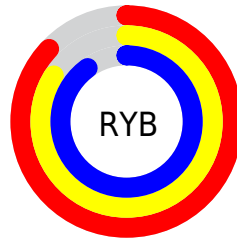
The YUV color `217.9280, 5.9515, 4.4481` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `225.0720, -5.9515, -4.4481`, and the grayscale version is `218.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `162.9280, 5.9515, 4.4481` is the 20% darker color. If you saturate the color by 10%, you get `201.7360, 13.9342, 10.7555`, and if you desaturate by 10%, it is `234.1200, -2.0312, -1.8592`.

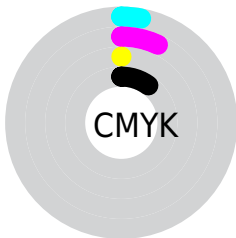
Distribution



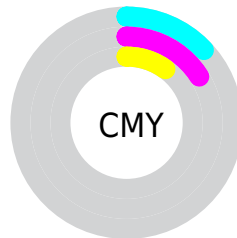
- Red (87%)
- Green (84%)
- Blue (90%)



- Red (87%)
- Yellow (84%)
- Blue (90%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (13%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.9280, 5.9515, 4.4481 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 217.9280, 5.9515, 4.4481 by changing the saturation by 10% instead.

■ 217.9280, 5.9515,
4.4481

■ 217.9280, 5.9515,
4.4481

255.0000, 0.0000,
0.0000

■ 189.9280, 5.9515,
4.4481

■ 162.9280, 5.9515,
4.4481

■ 136.5150, 5.6621,
3.9333

■ 111.4010, 5.2253,
4.0333

■ 86.9880, 4.9359,
3.5185

■ 63.9880, 4.9359,
3.5185

■ 41.5750, 4.6465,

3.0037

■ 21.4610, 4.2097,
3.1037

■ 0.3420, 1.3104,
-0.2999

■ 217.9280, 5.9515,
4.4481

■ 217.9280, 5.9515,
4.4481

■ 201.7360, 13.9342,
10.7555

■ 234.1200, -2.0312,
-1.8592

■ 185.2450, 22.0642,
16.4481

■ 248.2630, -9.0037,
-5.4927

■ 169.0530, 30.0469,
22.7555

■ 250.9540,
-10.3303, 0.0403

■ 152.5620, 38.1769,
28.4481

■ 252.1500,
-10.9200, 2.4994

■ 136.3700, 46.1596,
34.7555

■ 119.8790, 54.2897,
40.4481

■ 103.6870, 62.2723,
46.7555

■ 87.1960, 70.4024,
52.4481

■ 71.0040, 78.3850,
58.7555

Harmonies

Analogous

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



216.8560, 8.4520, -4.2587



217.9280, 5.9515, 4.4481



218.5330, 1.7092, 11.8106

Triad

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



217.9280, 5.9515, 4.4481



217.0740, -8.9105, 11.3361



213.6990, 3.1064, -16.3990

Complementary

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



217.9280, 5.9515, 4.4481



225.0720, -5.9515, -4.4481

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.



214.1680, -1.5618, -12.4253



217.9280, 5.9515, 4.4481



215.8450, -8.3046, 3.6439

Square

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



217.9280, 5.9515, 4.4481



218.0790, -6.4479, 14.8397



214.7730, -5.8041, -5.0629



214.0240, 6.8902, -16.6840

Rectangle

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



217.9280, 5.9515, 4.4481



218.1590, -1.0644, 14.7696



214.7730, -5.8041, -5.0629



213.6560, 1.6486, -15.4843

Sweetspot

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



217.9280, 5.9515, 4.4481



251.4670, 1.7418, 1.3444



219.0470, 5.3998, -5.3032



125.6410, 1.1630, 0.3148



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.



217.9280, 5.9515, 4.4481



238.8080, 7.9827, 6.3074



219.9070, 4.4828, 8.8516



106.4610, 4.2097, 3.1037



51.8010, 62.7091, 46.6555



14.7840, 17.8545, 13.3444

Inverse Universe

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



218.8810, 0.5517, 9.7514



240.0170, 0.9776, 13.1401



223.0930, -4.4828, -8.8516



107.1580, 0.4151, 6.8774



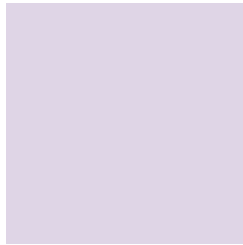
61.9570, 5.9372, 102.6467



17.6430, 1.6550, 29.2541

Previews

White Background



This preview shows how the YUV color 217.9280, 5.9515, 4.4481 looks on a white background.

Color Contrast Check

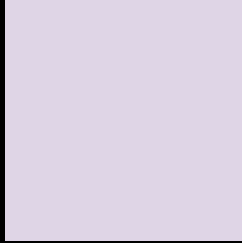
Large Text (above 18pt) WCAG AA × Fail

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 217.9280, 5.9515, 4.4481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

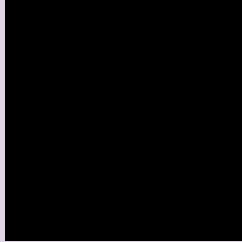
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

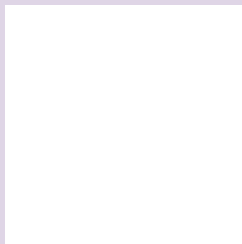
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 217.9280, 5.9515, 4.4481

Background



This preview shows how black text looks on a background with the YUV color 217.9280, 5.9515, 4.4481.



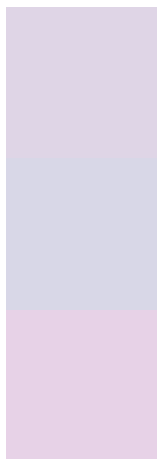
This preview shows how white text looks on a background with the YUV color 217.9280, 5.9515,

4.4481.

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

217.9280, 5.9515, 4.4481

Protanopia

217.1230, 6.8414, -0.9849

Deuteranopia

218.6730, 6.0772, 10.8108



Tritanopia

217.9280, 5.9515, 4.4481

Trichromacy



Original Color

217.9280, 5.9515, 4.4481

Protanomaly

217.4330, 6.6885, 1.3743

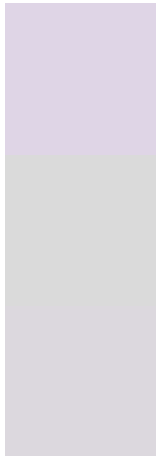
Deuteranomaly

218.3630, 6.2300, 8.4516

Tritanomaly

217.9280, 5.9515, 4.4481

Monochromacy



Original Color

217.9280, 5.9515, 4.4481

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.8800, 2.0312, 1.8592

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.9280, 5.9515, 4.4481 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(223, 213, 230)` looks like.

```
.text, #text, p{  
    color:rgb(223, 213, 230)  
}
```

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(223, 213, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 213, 230) }
```

Border

The CSS property to change the border of an element to YUV 217.9280, 5.9515, 4.4481 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(223, 213, 230) }
```


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

```
.border{ border-color:rgb(223, 213, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 213, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 213, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 213, 230);  
box-shadow:4px 4px 4px 4px rgb(223, 213,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 217.9280, 5.9515, 4.4481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 213, 230) }
```

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

```
.background{ background-color: rgb(223,  
213, 230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor