

Converting Colors

YUV(217.8740, 4.4991, 3.6185)

Have a look what the booklet for
YUV(217.8740, 4.4991, 3.6185)
contains.

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Color

**YUV(217.8740, 4.4991,
3.6185)**

Conversions

Conversions Part 1

Format	Color
Hex	DED6E3
RGB	222, 214, 227
RGB Percent	87%, 84%, 89%
CMY	0.1294, 0.1608, 0.1098
CMYK	0.02, 0.06, 0.00, 0.11
HSL	277°, 19%, 86%
HSV	277°, 6%, 89%
XYZ	68.0359, 69.1688, 82.4381
YIQ	217.8740, 0.5950, 5.7390

Conversions

Conversions Part 2

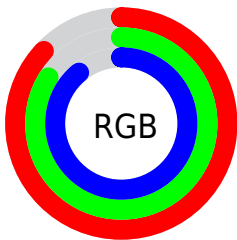
Format	Color
R _Y B	222, 214, 227
Decimal	14604003
CIE Lab	86.59, 5.08, -5.41
CIE LCh	87, 7.423, 313.208
Yxy	69.1688, 0.3098, 0.3149
Android (android.graphics.Color)	4292794083 (0xFFDED6E3)
YUV	217.8740, 4.4991, 3.6185
Hunter-Lab	83.1678, 0.4794, -0.5524

Details

The YUV color `217.8740, 4.4991, 3.6185` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `223.1260, -4.4991, -3.6185`, 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 `162.8740, 4.4991, 3.6185` is the 20% darker color. If you saturate the color by 10%, you get `201.6820, 12.4818, 9.9259`, and if you desaturate by 10%, it is `234.0660, -3.4835, -2.6889`.

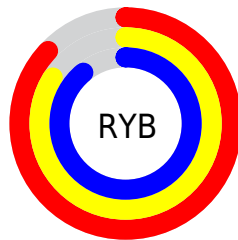
Distribution



Red (87%)

Green (84%)

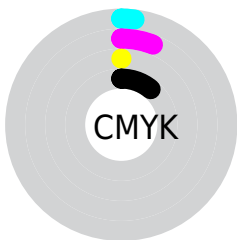
Blue (89%)



Red (87%)

Yellow (84%)

Blue (89%)

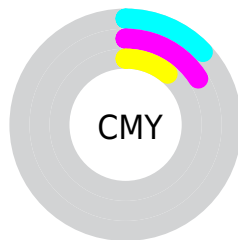


Cyan (2%)

Magenta (6%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.8740, 4.4991, 3.6185 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 217.8740, 4.4991, 3.6185 by changing the saturation by 10% instead.

■ 217.8740, 4.4991,
3.6185

■ 217.8740, 4.4991,
3.6185

255.0000, 0.0000,
0.0000

■ 189.8740, 4.4991,
3.6185

■ 162.8740, 4.4991,
3.6185

■ 136.7600, 4.0623,
3.7185

■ 111.3470, 3.7729,
3.2037

■ 87.0480, 3.9203,
2.5889

■ 63.9340, 3.4835,
2.6889

■ 41.9340, 3.4835,

2.6889

■ 20.9340, 3.4835,
2.6889

■ 0.0000, 0.0000,
0.0000

■ 217.8740, 4.4991,
3.6185

■ 217.8740, 4.4991,
3.6185

■ 201.6820, 12.4818,
9.9259

■ 234.0660, -3.4835,
-2.6889

■ 186.3760, 20.0276,
16.3332

■ 247.0240, -9.8718,
-7.0370

■ 170.1840, 28.0103,
22.6406

■ 249.7150,
-11.1985, -1.5041

■ 153.9920, 35.9929,
28.9480

■ 251.8080,
-12.2303, 2.7994

■ 138.3870, 43.6862,
34.7406

■ 122.4940, 51.5215,
41.6628

■ 106.3020, 59.5041,
47.9701

■ 90.1100, 67.4868,
54.2775

■ 74.5050, 75.1800,
60.0701

Harmonies

Analogous

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



216.6990, 6.5574, -3.2440



217.8740, 4.4991, 3.6185



218.1090, 1.4253, 9.5514

Triad

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



217.8740, 4.4991, 3.6185



217.2200, -7.0105, 8.5771



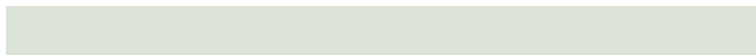
214.6070, 2.6587, -12.8103

Complementary

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



217.8740, 4.4991, 3.6185



223.1260, -4.4991, -3.6185

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.



214.8910, -1.4253, -9.5514



217.8740, 4.4991, 3.6185



216.0020, -6.4100, 2.6292

Square

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



217.8740, 4.4991, 3.6185



217.6980, -5.2741, 11.6659



215.1260, -4.4991, -3.6185



215.0030, 5.4215, -12.2806

Rectangle

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



217.8740, 4.4991, 3.6185



218.4360, -1.2009, 11.8956



215.1260, -4.4991, -3.6185



214.5640, 1.2009, -11.8956

Sweetspot

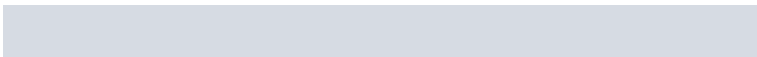
The Sweet Spot groups the original color and five complimentary colors.



217.8740, 4.4991, 3.6185



251.4670, 1.7418, 1.3444



218.4170, 4.2314, -3.8737



125.9400, 1.0156, 0.9296



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.



217.8740, 4.4991, 3.6185



242.3410, 6.2409, 4.9629



219.2550, 3.3253, 6.7924



108.5210, 3.1941, 2.1741



53.2960, 61.9721, 49.7294



15.0830, 17.7071, 13.9592

Inverse Universe

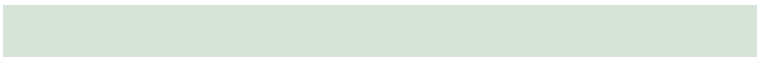
The Inverse Universe completely reimagines the original color for something new.



218.4570, 0.2677, 7.4922



243.1800, 0.4043, 10.3661



221.7450, -3.3253, -6.7924



109.0330, -0.0163, 5.2331



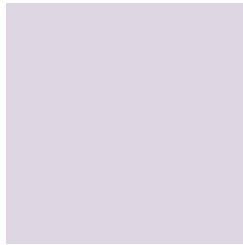
61.3870, 3.7532, 103.1466



17.5290, 1.2182, 29.3541

Previews

White Background



This preview shows how the YUV color 217.8740, 4.4991, 3.6185 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 217.8740, 4.4991, 3.6185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

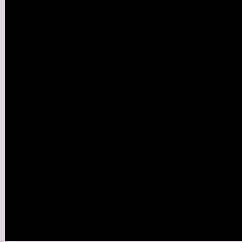
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

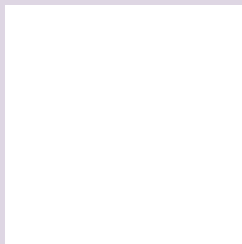
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 217.8740, 4.4991, 3.6185

Background



This preview shows how black text looks on a background with the YUV color 217.8740, 4.4991, 3.6185.



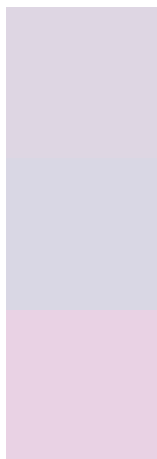
This preview shows how white text looks on a background with the YUV color 217.8740, 4.4991,

3.6185.

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

217.8740, 4.4991, 3.6185

Protanopia

217.0800, 5.3836, -0.0702

Deuteranopia

218.9290, 4.4720, 12.3403



Tritanopia

217.9280, 5.9515, 4.4481

Trichromacy



Original Color

217.8740, 4.4991, 3.6185

Protanomaly

217.6780, 5.0887, 1.1594

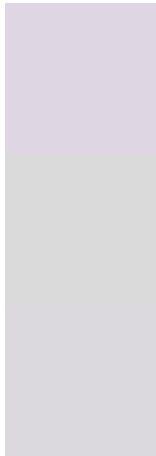
Deuteranomaly

218.3200, 4.7722, 9.3664

Tritanomaly

217.8140, 5.5147, 4.5481

Monochromacy



Original Color

217.8740, 4.4991, 3.6185

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.0540, 1.4524, 0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.8740, 4.4991, 3.6185 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(222, 214, 227)` looks like.

```
.text, #text, p{  
    color:rgb(222, 214, 227)  
}
```

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(222, 214, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 214, 227) }
```

Border

The CSS property to change the border of an element to YUV 217.8740, 4.4991, 3.6185 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(222, 214, 227) }
```


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

```
.border{ border-color:rgb(222, 214, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 214, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 214, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 214, 227);  
box-shadow:4px 4px 4px 4px rgb(222, 214,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 217.8740, 4.4991, 3.6185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 214, 227) }
```

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

```
.background{ background-color: rgb(222,  
214, 227) }
```

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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