

Converting Colors

YUV(213.8740, 4.4991, 3.6185)

Have a look what the booklet for
YUV(213.8740, 4.4991, 3.6185)
contains.

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Color

**YUV(213.8740, 4.4991,
3.6185)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD2DF
RGB	218, 210, 223
RGB Percent	85%, 82%, 87%
CMY	0.1451, 0.1765, 0.1255
CMYK	0.02, 0.06, 0.00, 0.13
HSL	277°, 17%, 85%
HSV	277°, 6%, 87%
XYZ	65.2793, 66.3263, 79.1737
YIQ	213.8740, 0.5950, 5.7390

Conversions

Conversions Part 2

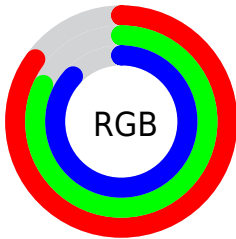
Format	Color
R _Y B	218, 210, 223
Decimal	14340831
CIE Lab	85.16, 5.10, -5.43
CIE LCh	85, 7.449, 313.213
Yxy	66.3263, 0.3097, 0.3147
Android (android.graphics.Color)	4292530911 (0xFFDAD2DF)
YUV	213.8740, 4.4991, 3.6185
Hunter-Lab	81.4410, 0.5556, -0.6307

Details

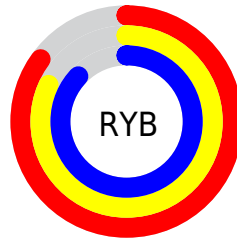
The YUV color `213.8740, 4.4991, 3.6185` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `219.1260, -4.4991, -3.6185`, and the grayscale version is `214.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `159.4610, 4.2097, 3.1037` is the 20% darker color. If you saturate the color by 10%, you get `198.2690, 12.1924, 9.4111`, and if you desaturate by 10%, it is `229.4790, -3.1941, -2.1741`.

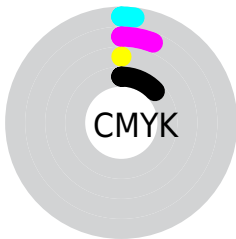
Distribution



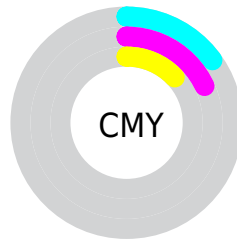
- Red (85%)
- Green (82%)
- Blue (87%)



- Red (85%)
- Yellow (82%)
- Blue (87%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.8740, 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 213.8740, 4.4991, 3.6185 by changing the saturation by 10% instead.

■ 213.8740, 4.4991,
3.6185

■ 213.8740, 4.4991,
3.6185

255.0000, 0.0000,
0.0000

■ 185.8740, 4.4991,
3.6185

■ 159.4610, 4.2097,
3.1037

■ 133.3470, 3.7729,
3.2037

■ 107.4610, 4.2097,
3.1037

■ 83.3470, 3.7729,
3.2037

■ 60.3470, 3.7729,
3.2037

■ 38.9340, 3.4835,

2.6889

■ 18.2330, 3.3361,
3.3037

■ 0.0000, 0.0000,
0.0000

■ 213.8740, 4.4991,
3.6185

■ 213.8740, 4.4991,
3.6185

■ 198.2690, 12.1924,
9.4111

■ 229.4790, -3.1941,
-2.1741

■ 182.3760, 20.0276,
16.3332

■ 245.3720,
-11.0294, -9.0962

■ 166.7710, 27.7209,
22.1258

■ 248.0630,
-12.3561, -3.5633

■ 151.4650, 35.2668,
28.5332

■ 250.4550,
-13.5353, 1.3550

■ 135.2730, 43.2494,
34.8406

■ 251.3520,
-13.9775, 3.1993

■ 119.9670, 50.7953,
41.2479

■ 104.3620, 58.4885,
47.0405

■ 88.7570, 66.1818,
52.8331

■ 72.8640, 74.0170,
59.7553

Harmonies

Analogous

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



212.6990, 6.5574, -3.2440



213.8740, 4.4991, 3.6185



214.1090, 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.



213.8740, 4.4991, 3.6185



213.2200, -7.0105, 8.5771



210.6070, 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.



213.8740, 4.4991, 3.6185



219.1260, -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.



210.8910, -1.4253, -9.5514



213.8740, 4.4991, 3.6185



212.0020, -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.



213.8740, 4.4991, 3.6185



213.6980, -5.2741, 11.6659



211.1260, -4.4991, -3.6185



211.0030, 5.4215, -12.2806

Rectangle

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



213.8740, 4.4991, 3.6185



214.4360, -1.2009, 11.8956



211.1260, -4.4991, -3.6185



210.5640, 1.2009, -11.8956

Sweetspot

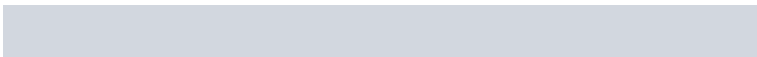
The Sweet Spot groups the original color and five complimentary colors.



213.8740, 4.4991, 3.6185



251.4670, 1.7418, 1.3444



214.4170, 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.



213.8740, 4.4991, 3.6185



242.3410, 6.2409, 4.9629



215.2550, 3.3253, 6.7924



105.8200, 3.0467, 2.7889



52.3560, 60.9565, 48.7998



14.4420, 16.5441, 13.6444

Inverse Universe

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



214.4570, 0.2677, 7.4922



243.1800, 0.4043, 10.3661



217.7450, -3.3253, -6.7924



106.1470, 0.4205, 5.1331



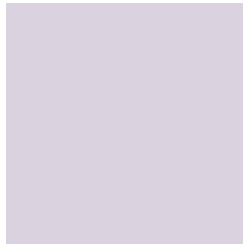
60.3760, 3.7586, 101.4022



16.5180, 1.2236, 27.6097

Previews

White Background



This preview shows how the YUV color 213.8740, 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 213.8740, 4.4991, 3.6185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

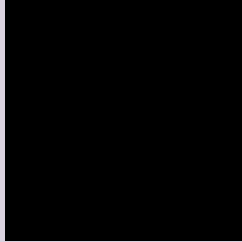
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

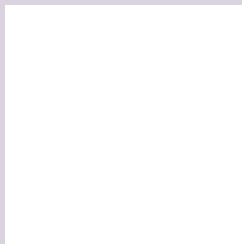
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.8740, 4.4991, 3.6185

Background



This preview shows how black text looks on a background with the YUV color 213.8740, 4.4991, 3.6185.



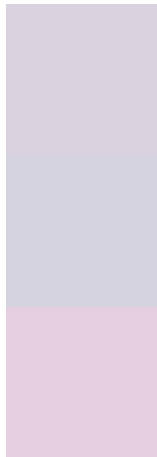
This preview shows how white text looks on a background with the YUV color 213.8740, 4.4991,

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

213.8740, 4.4991, 3.6185

Protanopia

213.0800, 5.3836, -0.0702

Deuteranopia

214.6300, 4.6194, 11.7255



Tritanopia

214.2160, 5.8095, 3.3186

Trichromacy



Original Color

213.8740, 4.4991, 3.6185

Protanomaly

213.6780, 5.0887, 1.1594

Deuteranomaly

214.0210, 4.9196, 8.7516

Tritanomaly

214.1020, 5.3727, 3.4185

Monochromacy



Original Color

213.8740, 4.4991, 3.6185

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.0540, 1.4524, 0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.8740, 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(218, 210, 223)` looks like.

```
.text, #text, p{  
    color:rgb(218, 210, 223)  
}
```

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(218, 210, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 210, 223) }
```

Border

The CSS property to change the border of an element to YUV 213.8740, 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(218, 210, 223) }
```


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

```
.border{ border-color:rgb(218, 210, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 210, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 210, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 210, 223);  
box-shadow:4px 4px 4px 4px rgb(218, 210,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 213.8740, 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(218, 210, 223) }
```

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

```
.background{ background-color: rgb(218,  
210, 223) }
```

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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