

Converting Colors

YUV(216.4940, 4.1935, 8.3368)

Have a look what the booklet for
YUV(216.4940, 4.1935, 8.3368)
contains.

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Color

**YUV(216.4940, 4.1935,
8.3368)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D2E1
RGB	226, 210, 225
RGB Percent	89%, 82%, 88%
CMY	0.1137, 0.1765, 0.1176
CMYK	0.00, 0.07, 0.00, 0.11
HSL	304°, 22%, 85%
HSV	304°, 7%, 89%
XYZ	68.0012, 67.6982, 80.7172
YIQ	216.4940, 4.7210, 8.0570

Conversions

Conversions Part 2

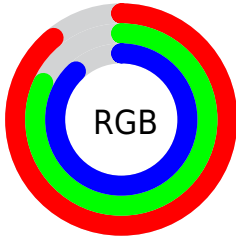
Format	Color
R _Y B	226, 210, 225
Decimal	14865121
CIE Lab	85.86, 8.16, -5.40
CIE LCh	86, 9.785, 326.534
Yxy	67.6982, 0.3142, 0.3128
Android (android.graphics.Color)	4293055201 (0xFFE2D2E1)
YUV	216.4940, 4.1935, 8.3368
Hunter-Lab	82.2789, 3.5372, -0.5694

Details

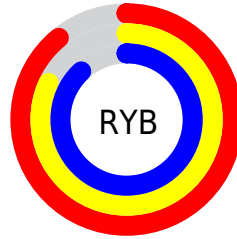
The YUV color `216.4940, 4.1935, 8.3368` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `219.5060, -4.1935, -8.3368`, and the grayscale version is `216.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `162.0810, 3.9041, 7.8220` is the 20% darker color. If you saturate the color by 10%, you get `202.8790, 10.4127, 20.2771`, and if you desaturate by 10%, it is `230.1090, -2.0257, -3.6036`.

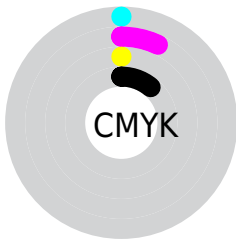
Distribution



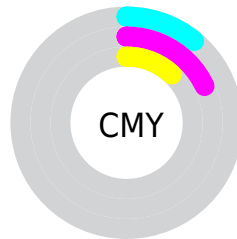
- Red (89%)
- Green (82%)
- Blue (88%)



- Red (89%)
- Yellow (82%)
- Blue (88%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.4940, 4.1935, 8.3368 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 216.4940, 4.1935, 8.3368 by changing the saturation by 10% instead.

216.4940, 4.1935,
8.3368

216.4940, 4.1935,
8.3368

255.0000, 0.0000,
0.0000

188.4940, 4.1935,
8.3368

162.0810, 3.9041,
7.8220

135.6680, 3.6147,
7.3072

109.7820, 4.0515,
7.2072

85.6680, 3.6147,
7.3072

62.3690, 3.7621,
6.6924

40.8420, 3.0359,

6.2776

■ 19.8420, 3.0359,
6.2776

■ 0.0000, 0.0000,
0.0000

■ 216.4940, 4.1935,
8.3368

■ 216.4940, 4.1935,
8.3368

■ 202.8790, 10.4127,
20.2771

■ 230.1090, -2.0257,
-3.6036

■ 189.7370, 15.9057,
31.8027

■ 243.2510, -7.5187,
-15.1291

■ 176.1220, 22.1249,
43.7430

■ 243.3650, -7.0819,
-15.2291

■ 162.9800, 27.6179,
55.2685

■ 243.5930, -6.2083,
-15.4291

149.3650, 33.8371,
67.2089

243.7070, -5.7716,
-15.5290

135.7500, 40.0562,
79.1492

243.8210, -5.3348,
-15.6290

122.6080, 45.5493,
90.6748

244.0490, -4.4612,
-15.8290

108.9930, 51.7685,
102.6151

244.1630, -4.0244,
-15.9290

95.8510, 57.2615,
114.1407

244.3910, -3.1508,
-16.1289

Harmonies

Analogous

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



215.6500, 7.5676, -0.5700



216.4940, 4.1935, 8.3368



216.9740, -0.4802, 14.0548

Triad

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



216.4940, 4.1935, 8.3368



214.9380, -9.3364, 7.9474



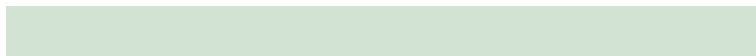
211.9700, 5.4378, -17.5137

Complementary

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



216.4940, 4.1935, 8.3368



219.5060, -4.1935, -8.3368

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.



211.7270, 0.6276, -14.6696



216.4940, 4.1935, 8.3368



213.6380, -7.7095, -0.5595

Square

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



216.4940, 4.1935, 8.3368



216.0250, -7.9003, 14.0101



212.5060, -4.1935, -8.3368



212.4910, 8.6319, -15.3396

Rectangle

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



216.4940, 4.1935, 8.3368



216.8880, -3.3958, 15.8842



212.5060, -4.1935, -8.3368



211.6280, 4.1274, -17.2138

Sweetspot

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



216.4940, 4.1935, 8.3368



252.0650, 1.4470, 2.5740



212.1230, 6.8414, -0.9849



126.1250, 0.4314, 1.6444



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.



216.4940, 4.1935, 8.3368



243.1460, 5.3510, 10.3960



215.5820, 0.6991, 9.1366



105.4290, 2.7465, 5.7628



71.4340, 46.1280, 91.7044



19.4820, 12.5804, 25.0103

Inverse Universe

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



216.4940, 4.1935, 8.3368



243.1460, 5.3510, 10.3960



220.4180, -0.6991, -9.1366



105.4290, 2.7465, 5.7628



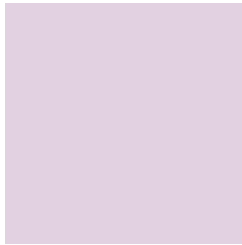
71.4340, 46.1280, 91.7044



19.4820, 12.5804, 25.0103

Previews

White Background



This preview shows how the YUV color 216.4940, 4.1935, 8.3368 looks on a white background.

Color Contrast Check

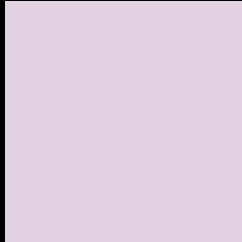
Large Text (above 18pt) WCAG AA × Fail

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 216.4940, 4.1935, 8.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

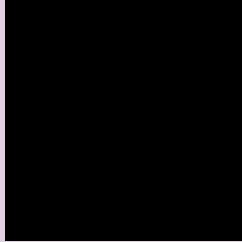
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 216.4940, 4.1935, 8.3368

Background



This preview shows how black text looks on a background with the YUV color 216.4940, 4.1935, 8.3368.



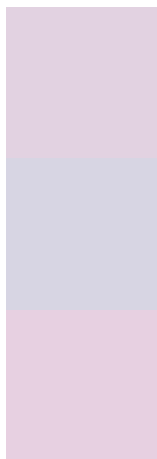
This preview shows how white text looks on a background with the YUV color 216.4940, 4.1935,

8.3368.

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

216.4940, 4.1935, 8.3368

Protanopia

215.1940, 5.8204, -0.1701

Deuteranopia

216.8150, 4.0352, 12.4402



Tritanopia

216.6080, 4.6303, 8.2368

Trichromacy



Original Color

216.4940, 4.1935, 8.3368

Protanomaly

215.6890, 5.0833, 2.9037

Deuteranomaly

216.8040, 4.0406, 10.6959

Tritanomaly

216.6080, 4.6303, 8.2368

Monochromacy



Original Color

216.4940, 4.1935, 8.3368

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.3640, 1.2995, 3.1888

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.4940, 4.1935, 8.3368 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(226, 210, 225)` looks like.

```
.text, #text, p{  
    color:rgb(226, 210, 225)  
}
```

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(226, 210, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 210, 225) }
```

Border

The CSS property to change the border of an element to YUV 216.4940, 4.1935, 8.3368 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(226, 210, 225) }
```


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

```
.border{ border-color:rgb(226, 210, 225) }
```

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

Here you see how a box with a 4 pixel rgb(226, 210, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 210, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 210, 225);  
box-shadow:4px 4px 4px 4px rgb(226, 210,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 216.4940, 4.1935, 8.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 210, 225) }
```

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

```
.background{ background-color: rgb(226,  
210, 225) }
```

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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