

Converting Colors

YUV(213.7940, 2.5666, 16.8437)

Have a look what the booklet for
YUV(213.7940, 2.5666, 16.8437)
contains.

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Color

**YUV(213.7940, 2.5666,
16.8437)**

Conversions

Conversions Part 1

Format	Color
Hex	E9CBDB
RGB	233, 203, 219
RGB Percent	91%, 80%, 86%
CMY	0.0863, 0.2039, 0.1412
CMYK	0.00, 0.13, 0.06, 0.09
HSL	328°, 41%, 85%
HSV	328°, 13%, 91%
XYZ	67.7464, 65.1500, 76.0224
YIQ	213.7940, 12.7440, 11.3360

Conversions

Conversions Part 2

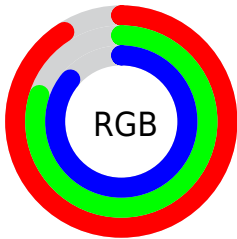
Format	Color
R _Y B	233, 203, 219
Decimal	15322075
CIE Lab	84.56, 13.18, -4.05
CIE LCh	85, 13.790, 342.931
Yxy	65.1500, 0.3243, 0.3118
Android (android.graphics.Color)	4293512155 (0xFFE9CBDB)
YUV	213.7940, 2.5666, 16.8437
Hunter-Lab	80.7155, 8.5669, 0.6582

Details

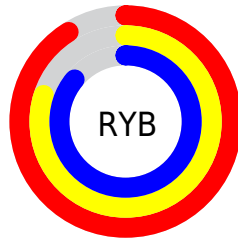
The YUV color $213.7940, 2.5666, 16.8437$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $222.2060, -2.5666, -16.8437$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $159.0820, 2.4246, 15.7141$ is the 20% darker color. If you saturate the color by 10%, you get $199.0390, 4.4178, 29.7838$, and if you desaturate by 10%, it is $228.5490, 0.7153, 3.9035$.

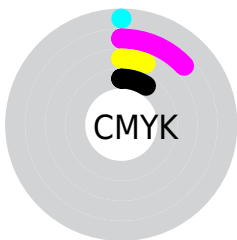
Distribution



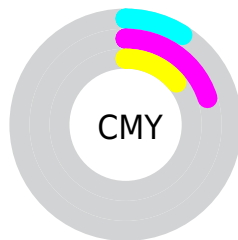
- Red (91%)
- Green (80%)
- Blue (86%)



- Red (91%)
- Yellow (80%)
- Blue (86%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.7940, 2.5666, 16.8437 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 213.7940, 2.5666, 16.8437 by changing the saturation by 10% instead.

■ 213.7940, 2.5666,
16.8437

■ 213.7940, 2.5666,
16.8437

255.0000, 0.0000,
0.0000

■ 186.3810, 2.2772,
16.3289

■ 159.0820, 2.4246,
15.7141

■ 132.7830, 2.5720,
15.0993

■ 107.3700, 2.2826,
14.5845

■ 83.0710, 2.4300,
13.9697

■ 59.7720, 2.5774,
13.3550

■ 38.0600, 2.4354,

12.2254

■ 15.8860, 3.0142,
13.2550

■ 0.0000, 0.0000,
0.0000

■ 213.7940, 2.5666,
16.8437

■ 213.7940, 2.5666,
16.8437

■ 199.0390, 4.4178,
29.7838

■ 228.5490, 0.7153,
3.9035

■ 183.6970, 6.5584,
43.2387

■ 243.8910, -1.4253,
-9.5514

■ 168.9420, 8.4096,
56.1789

■ 248.0800, 1.9326,
-13.2252

■ 154.3010, 10.6976,
69.0190

■ 248.4220, 3.2430,
-13.5251

■ 138.9590, 12.8382,
82.4740

■ 124.2040, 14.6894,
95.4141

■ 109.4490, 16.5406,
108.3542

■ 94.6940, 18.3919,
121.2944

■ 83.8030, 19.8171,
130.8458

Harmonies

Analogous

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



212.9220, 8.4195, 6.2074



213.7940, 2.5666, 16.8437



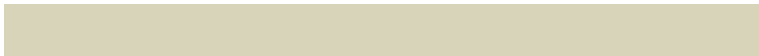
213.5190, -3.7069, 22.3468

Triad

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



213.7940, 2.5666, 16.8437



210.2320, -11.9464, 5.0585



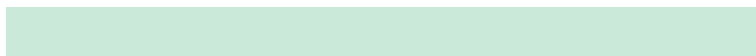
207.7780, 9.9694, -24.3613

Complementary

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



213.7940, 2.5666, 16.8437



222.2060, -2.5666, -16.8437

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.



206.6980, 4.5859, -24.2911



213.7940, 2.5666, 16.8437



208.7790, -8.2720, -6.8222

Square

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



213.7940, 2.5666, 16.8437



211.8850, -12.2683, 15.0099



207.0210, -1.9824, -17.5584



209.0330, 13.2947, -17.5689

Rectangle

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



213.7940, 2.5666, 16.8437



213.0800, -7.9274, 22.7318



207.0210, -1.9824, -17.5584



206.8380, 8.9539, -25.2909

Sweetspot

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



213.7940, 2.5666, 16.8437



248.5600, 0.7099, 5.6479



210.6060, 11.0402, 5.6075



123.5490, 0.7153, 3.9035



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.



213.7940, 2.5666, 16.8437



230.6420, 3.1345, 21.3620



212.0840, -3.9854, 18.3433



109.9730, 0.9993, 6.1627



65.1770, 15.6887, 101.5768



19.4520, 4.7072, 30.2986

Inverse Universe

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



213.7940, 2.5666, 16.8437



230.6420, 3.1345, 21.3620



223.9160, 3.9854, -18.3433



109.9730, 0.9993, 6.1627



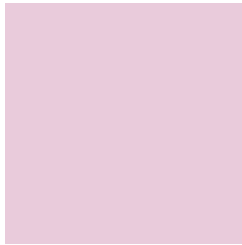
65.1770, 15.6887, 101.5768



19.4520, 4.7072, 30.2986

Previews

White Background



This preview shows how the YUV color 213.7940, 2.5666, 16.8437 looks on a white background.

Color Contrast Check

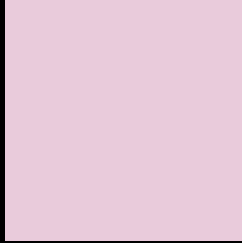
Large Text (above 18pt) WCAG AA × Fail

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 213.7940, 2.5666, 16.8437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

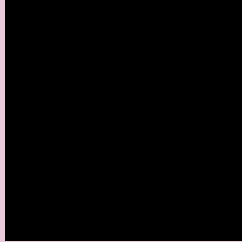
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.7940, 2.5666, 16.8437

Background



This preview shows how black text looks on a background with the YUV color 213.7940, 2.5666, 16.8437.

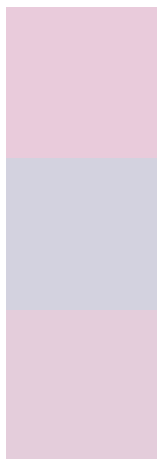


This preview shows how white text looks on a background with the YUV color 213.7940, 2.5666,

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

213.7940, 2.5666, 16.8437

Protanopia

211.7810, 5.5310, -0.6849

Deuteranopia

213.4730, 2.7248, 12.7402



Tritanopia

213.7940, 2.5666, 16.8437

Trichromacy



Original Color

213.7940, 2.5666, 16.8437

Protanomaly

212.2980, 4.7831, 5.8777

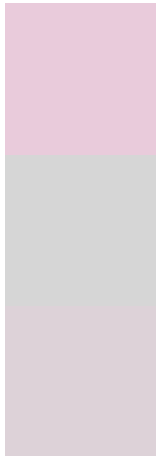
Deuteranomaly

213.4840, 2.7194, 14.4845

Tritanomaly

213.7940, 2.5666, 16.8437

Monochromacy



Original Color

213.7940, 2.5666, 16.8437

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.9730, 0.9993, 6.1627

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.7940, 2.5666, 16.8437 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(233, 203, 219)` looks like.

```
.text, #text, p{  
    color:rgb(233, 203, 219)  
}
```

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(233, 203, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 203, 219) }
```

Border

The CSS property to change the border of an element to YUV 213.7940, 2.5666, 16.8437 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(233, 203, 219) }
```


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

```
.border{ border-color:rgb(233, 203, 219) }
```

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

Here you see how a box with a 4 pixel rgb(233, 203, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 203, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 203, 219);  
box-shadow:4px 4px 4px 4px rgb(233, 203,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 213.7940, 2.5666, 16.8437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 203, 219) }
```

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

```
.background{ background-color: rgb(233,  
203, 219) }
```

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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