

Converting Colors

YUV(216.3940, -4.1382,
20.7025)

Have a look what the booklet for
YUV(216.3940, -4.1382, 20.7025)
contains.

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Color

**YUV(216.3940, -4.1382,
20.7025)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CED0
RGB	240, 206, 208
RGB Percent	94%, 81%, 82%
CMY	0.0588, 0.1922, 0.1843
CMYK	0.00, 0.14, 0.13, 0.06
HSL	356°, 53%, 87%
HSV	356°, 14%, 94%
XYZ	69.3917, 67.2219, 68.9923
YIQ	216.3940, 19.6220, 7.8300

Conversions

Conversions Part 2

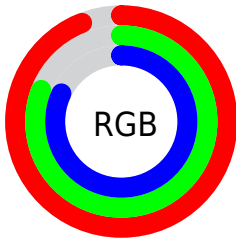
Format	Color
R _Y B	240, 206, 208
Decimal	15781584
CIE Lab	85.62, 12.22, 3.42
CIE LCh	86, 12.691, 15.625
Yxy	67.2219, 0.3375, 0.3269
Android (android.graphics.Color)	4293971664 (0xFFFF0CED0)
YUV	216.3940, -4.1382, 20.7025
Hunter-Lab	81.9890, 7.5933, 7.5008

Details

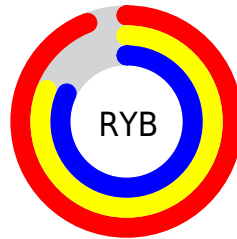
The YUV color $216.3940, -4.1382, 20.7025$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $229.6060, 4.1382, -20.7025$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.7960, -3.8434, 19.4729$ is the 20% darker color. If you saturate the color by 10%, you get $199.6840, -7.2392, 35.3571$, and if you desaturate by 10%, it is $233.1040, -1.0373, 6.0478$.

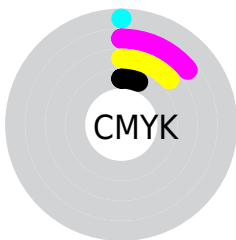
Distribution



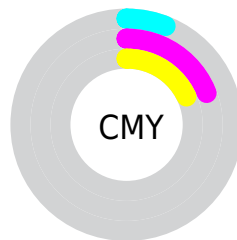
- Red (94%)
- Green (81%)
- Blue (82%)



- Red (94%)
- Yellow (81%)
- Blue (82%)



- Cyan (0%)
- Magenta (14%)
- Yellow (13%)
- Black (6%)



- Cyan (6%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.3940, -4.1382, 20.7025 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 216.3940, -4.1382, 20.7025 by changing the saturation by 10% instead.

216.3940, -4.1382,
20.7025

216.3940, -4.1382,
20.7025

255.0000, 0.0000,
0.0000

188.3940, -4.1382,
20.7025

161.7960, -3.8434,
19.4729

135.4970, -3.6960,
18.8581

109.8990, -3.4012,
17.6286

85.6000, -3.2538,
17.0138

62.0020, -2.9590,
15.7842

39.8170, -2.3748,

15.0695

■ 18.4040, -2.6642,
14.5547

■ 0.0000, 0.0000,
0.0000

■ 216.3940, -4.1382,
20.7025

■ 216.3940, -4.1382,
20.7025

■ 199.6840, -7.2392,
35.3571

■ 233.1040, -1.0373,
6.0478

■ 183.0880, -9.9034,
49.9118

■ 249.7000, 1.6269,
-8.5069

■ 166.3780,
-13.0044, 64.5665

■ 250.5150, 2.2111,
-9.2217

■ 149.7820,
-15.6685, 79.1212

■ 133.0720,
-18.7695, 93.7759

■ 116.3620,
-21.8705, 108.4305

■ 99.7660, -24.5346,
122.9852

■ 83.0560, -27.6356,
137.6399

■ 73.3560, -29.2625,
146.1468

Harmonies

Analogous

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



216.2670, 1.8404, 16.4288



216.3940, -4.1382, 20.7025



215.7160, -9.2270, 19.5431

Triad

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



216.3940, -4.1382, 20.7025



211.7080, -7.2510, -7.6369



212.7020, 11.9789, -15.5247

Complementary

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



216.3940, -4.1382, 20.7025



229.6060, 4.1382, -20.7025

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.



211.0880, 9.8166, -22.0022



216.3940, -4.1382, 20.7025



210.5480, -1.2562, -17.1436

Square

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



216.3940, -4.1382, 20.7025



212.8620, -10.7780, 3.6290



209.8230, 5.0173, -22.6468



214.5400, 11.0728, -4.8586

Rectangle

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



216.3940, -4.1382, 20.7025



214.8250, -11.2527, 15.9395



209.8230, 5.0173, -22.6468



211.8650, 11.4056, -18.2986

Sweetspot

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



216.3940, -4.1382, 20.7025



247.9900, -1.4741, 6.1478



219.4440, 10.1341, 16.2736



123.2070, -0.5951, 4.2035



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.



216.3940, -4.1382, 20.7025



225.0850, -5.4649, 26.2355



224.9710, -9.3527, 13.1804



111.7020, -1.3321, 7.2773



56.2700, -22.3181, 112.0192



17.0860, -6.9444, 34.1276

Inverse Universe

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



216.3940, -4.1382, 20.7025



225.0850, -5.4649, 26.2355



221.0290, 9.3527, -13.1804



111.7020, -1.3321, 7.2773



56.2700, -22.3181, 112.0192



17.0860, -6.9444, 34.1276

Previews

White Background



This preview shows how the YUV color 216.3940, -4.1382, 20.7025 looks on a white background.

Color Contrast Check

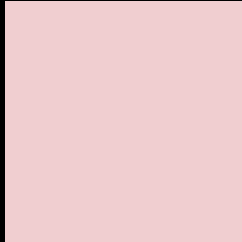
Large Text (above 18pt) WCAG AA × Fail

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 216.3940, -4.1382, 20.7025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

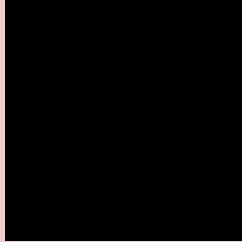
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 216.3940, -4.1382, 20.7025

Background



This preview shows how black text looks on a background with the YUV color 216.3940, -4.1382, 20.7025.



This preview shows how white text looks on a background with the YUV color 216.3940, -4.1382,

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

216.3940, -4.1382, 20.7025

Protanopia

214.3810, -1.1738, 3.1739

Deuteranopia

216.0840, -3.9854, 18.3433



Tritanopia

217.1860, 1.3873, 21.7619

Trichromacy



Original Color

216.3940, -4.1382, 20.7025

Protanomaly

214.8980, -1.9217, 9.7365

Deuteranomaly

216.3830, -4.1328, 18.9581

Tritanomaly

217.0180, -0.5019, 21.0322

Monochromacy



Original Color

216.3940, -4.1382, 20.7025

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.0010, -1.4795, 7.8921

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.3940, -4.1382, 20.7025 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(240, 206, 208)` looks like.

```
.text, #text, p{  
    color:rgb(240, 206, 208)  
}
```

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(240, 206, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 206, 208) }
```

Border

The CSS property to change the border of an element to YUV 216.3940, -4.1382, 20.7025 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(240, 206, 208) }
```


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

```
.border{ border-color:rgb(240, 206, 208) }
```

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

Here you see how a box with a 4 pixel rgb(240, 206, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 206, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 206, 208);  
box-shadow:4px 4px 4px 4px rgb(240, 206,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 216.3940, -4.1382, 20.7025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 206, 208) }
```

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

```
.background{ background-color: rgb(240,  
206, 208) }
```

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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