

Converting Colors

YUV(214.4640, -0.2288,
26.7801)

Have a look what the booklet for
YUV(214.4640, -0.2288, 26.7801)
contains.

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Color

**YUV(214.4640, -0.2288,
26.7801)**

Conversions

Conversions Part 1

Format	Color
Hex	F5C7D6
RGB	245, 199, 214
RGB Percent	96%, 78%, 84%
CMY	0.0392, 0.2196, 0.1608
CMYK	0.00, 0.19, 0.13, 0.04
HSL	340°, 70%, 87%
HSV	340°, 19%, 96%
XYZ	70.2172, 65.1144, 72.4858
YIQ	214.4640, 22.6010, 14.4170

Conversions

Conversions Part 2

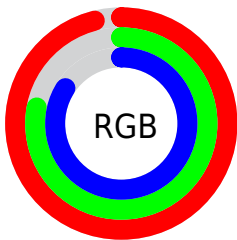
Format	Color
R _Y B	245, 199, 214
Decimal	16107478
CIE Lab	84.54, 18.63, -1.28
CIE LCh	85, 18.671, 356.056
Yxy	65.1144, 0.3379, 0.3133
Android (android.graphics.Color)	4294297558 (0xFFF5C7D6)
YUV	214.4640, -0.2288, 26.7801
Hunter-Lab	80.6935, 14.1122, 3.2261

Details

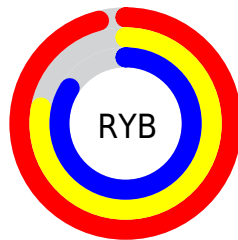
The YUV color $214.4640, -0.2288, 26.7801$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $229.5360, 0.2288, -26.7801$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $159.4530, -0.2233, 25.0357$ is the 20% darker color. If you saturate the color by 10%, you get $198.4380, -0.7089, 40.8349$, and if you desaturate by 10%, it is $231.0770, -0.0380, 12.2105$.

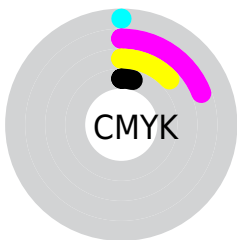
Distribution



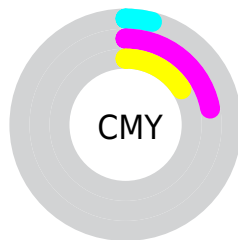
- Red (96%)
- Green (78%)
- Blue (84%)



- Red (96%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (19%)
- Yellow (13%)
- Black (4%)




- Cyan (4%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.4640, -0.2288, 26.7801 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 214.4640, -0.2288, 26.7801 by changing the saturation by 10% instead.


 214.4640, -0.2288,
26.7801

 214.4640, -0.2288,
26.7801


255.0000, 0.0000,
0.0000


 186.7520, -0.3707,
25.6505

 159.4530, -0.2233,
25.0357

 133.1540, -0.0759,
24.4209

 107.5560, 0.2189,
23.1914

 83.2570, 0.3663,
22.5766

 59.6590, 0.6611,
21.3471

 37.6480, 0.6665,

19.6027

■ 14.5880, 1.6821,
20.5323

■ 0.0000, 0.0000,
0.0000

■ 214.4640, -0.2288,
26.7801

■ 214.4640, -0.2288,
26.7801

■ 198.4380, -0.7089,
40.8349

■ 231.0770, -0.0380,
12.2105

■ 181.9390, -0.4629,
55.3045

■ 246.9890, 0.0054,
-1.7444

■ 165.3260, -0.6537,
69.8741

■ 252.0100, 1.4741,
-6.1478

■ 149.4140, -0.6971,
83.8289

■ 133.3880, -1.1773,
97.8837

■ 116.8890, -0.9313,
112.3533

■ 100.8630, -1.4115,
126.4081

■ 84.3640, -1.1655,
140.8778

■ 82.3750, -1.1709,
142.6221

Harmonies

Analogous

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



214.2760, 8.2449, 15.5439



214.4640, -0.2288, 26.7801



213.8960, -8.8227, 29.9092

Triad

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



214.4640, -0.2288, 26.7801



208.8030, -14.6929, -0.7042



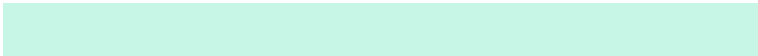
206.4550, 16.5377, -31.0940

Complementary

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



214.4640, -0.2288, 26.7801



229.5360, 0.2288, -26.7801

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.



204.8260, 10.4388, -34.9274



214.4640, -0.2288, 26.7801



206.5390, -7.6607, -16.2587

Square

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



214.4640, -0.2288, 26.7801



210.6200, -17.0677, 14.3653



204.8670, 1.5446, -28.8244



209.5860, 17.9521, -18.0539

Rectangle

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



214.4640, -0.2288, 26.7801



213.0330, -13.3273, 28.0351



204.8670, 1.5446, -28.8244



205.3900, 15.0907, -33.6680

Sweetspot

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



214.4640, -0.2288, 26.7801



245.0550, -0.0271, 8.7218



213.5130, 15.5231, 14.4591



121.9190, -0.4531, 5.3330



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.



214.4640, -0.2288, 26.7801



215.8070, -0.3979, 34.3723



217.4500, -9.0958, 24.1614



114.0440, -0.0217, 6.9774



62.5680, -0.7730, 108.2499



19.8070, -0.3979, 34.3723

Inverse Universe

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



214.4640, -0.2288, 26.7801



215.8070, -0.3979, 34.3723



226.5500, 9.0958, -24.1614



114.0440, -0.0217, 6.9774



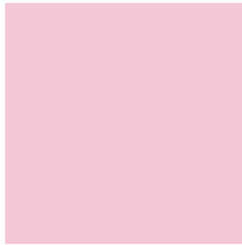
62.5680, -0.7730, 108.2499



19.8070, -0.3979, 34.3723

Previews

White Background



This preview shows how the YUV color 214.4640, -0.2288, 26.7801 looks on a white background.

Color Contrast Check

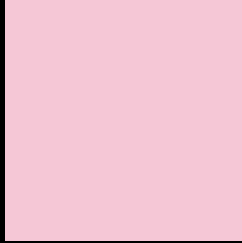
Large Text (above 18pt) WCAG AA × Fail

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 214.4640, -0.2288, 26.7801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

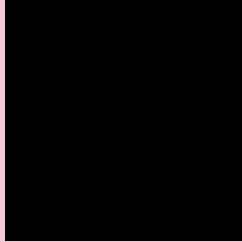
Any Text WCAG AA ✓ Pass

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 214.4640, -0.2288, 26.7801 Background



This preview shows how black text looks on a background with the YUV color 214.4640, -0.2288, 26.7801.



This preview shows how white text looks on a background with the YUV color 214.4640, -0.2288,

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

214.4640, -0.2288, 26.7801

Protanopia

211.8520, 4.5100, 0.1298

Deuteranopia

213.6860, -0.3382, 15.1844



Tritanopia

214.4640, -0.2288, 26.7801

Trichromacy



Original Color

214.4640, -0.2288, 26.7801

Protanomaly

212.7500, 2.5882, 9.8663

Deuteranomaly

214.0070, -0.4965, 19.2879

Tritanomaly

214.4640, -0.2288, 26.7801

Monochromacy



Original Color

214.4640, -0.2288, 26.7801

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.3540, -0.1745, 9.3365

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.4640, -0.2288, 26.7801 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(245, 199, 214)` looks like.

```
.text, #text, p{  
    color:rgb(245, 199, 214)  
}
```

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(245, 199, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 199, 214) }
```

Border

The CSS property to change the border of an element to YUV 214.4640, -0.2288, 26.7801 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(245, 199, 214) }
```


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

```
.border{ border-color:rgb(245, 199, 214) }
```

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

Here you see how a box with a 4 pixel rgb(245, 199, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 199, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 199, 214);  
box-shadow:4px 4px 4px 4px rgb(245, 199,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 214.4640, -0.2288, 26.7801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 199, 214) }
```

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

```
.background{ background-color: rgb(245,  
199, 214) }
```

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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