

Converting Colors

YUV(227.7230, 3.5876, 16.0289)

Have a look what the booklet for
YUV(227.7230, 3.5876, 16.0289)
contains.

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Color

**YUV(227.7230, 3.5876,
16.0289)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D9EB
RGB	246, 217, 235
RGB Percent	96%, 85%, 92%
CMY	0.0353, 0.1490, 0.0784
CMYK	0.00, 0.12, 0.04, 0.04
HSL	323°, 62%, 91%
HSV	323°, 12%, 96%
XYZ	77.8143, 75.2167, 89.0143
YIQ	227.7230, 11.5060, 11.7460

Conversions

Conversions Part 2

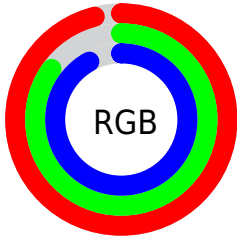
Format	Color
R _Y B	246, 217, 235
Decimal	16177643
CIE Lab	89.49, 13.03, -5.12
CIE LCh	89, 14.000, 338.538
Yxy	75.2167, 0.3215, 0.3108
Android (android.graphics.Color)	4294367723 (0xFFFF6D9EB)
YUV	227.7230, 3.5876, 16.0289
Hunter-Lab	86.7276, 8.3817, -0.1440

Details

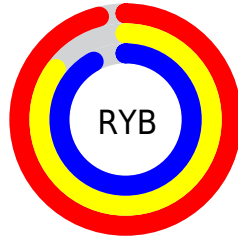
The YUV color $227.7230, 3.5876, 16.0289$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $235.2770, -3.5876, -16.0289$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.3100, 3.2982, 15.5141$ is the 20% darker color. If you saturate the color by 10%, you get $212.0220, 6.8912, 29.7987$, and if you desaturate by 10%, it is $243.4240, 0.2840, 2.2592$.

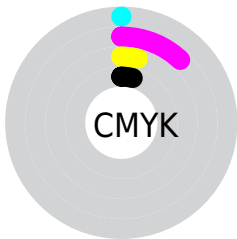
Distribution



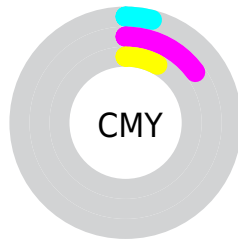
- Red (96%)
- Green (85%)
- Blue (92%)



- Red (96%)
- Yellow (85%)
- Blue (92%)



- Cyan (0%)
- Magenta (12%)
- Yellow (4%)
- Black (4%)



- Cyan (4%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.7230, 3.5876, 16.0289 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 227.7230, 3.5876, 16.0289 by changing the saturation by 10% instead.

 227.7230, 3.5876,
16.0289

 227.7230, 3.5876,
16.0289

255.0000, 0.0000,
0.0000

 199.4240, 3.7350,
15.4142

 172.3100, 3.2982,
15.5141

 145.7120, 3.5930,
14.2846

 119.7120, 3.5930,
14.2846

 95.2990, 3.3036,
13.7698

 71.5870, 3.1616,
12.6402

 48.2880, 3.3090,

12.0254

■ 27.5760, 3.1670,
10.8958

■ 7.2340, 1.8566,
11.1958

■ 227.7230, 3.5876,
16.0289

■ 227.7230, 3.5876,
16.0289

■ 212.0220, 6.8912,
29.7987

■ 243.4240, 0.2840,
2.2592

■ 196.7940, 9.4686,
43.1537

■ 252.1950, 0.8899,
-5.4330

■ 181.0930, 12.7722,
56.9234

■ 252.3090, 1.3267,
-5.5330

■ 165.9790, 15.7864,
70.1784

■ 150.1640, 18.6531,
84.0482

■ 134.4630, 21.9567,
97.8179

■ 119.3490, 24.9709,
111.0729

■ 103.5340, 27.8377,
124.9427

■ 90.9960, 30.5680,
135.9385

Harmonies

Analogous

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



226.5520, 9.5879, 4.7779



227.7230, 3.5876, 16.0289



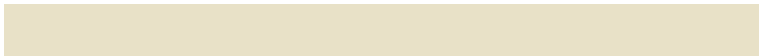
227.6330, -3.2701, 22.2469

Triad

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



227.7230, 3.5876, 16.0289



224.1290, -12.3886, 6.9029



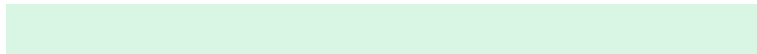
221.0660, 9.8275, -25.4909

Complementary

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



227.7230, 3.5876, 16.0289



235.2770, -3.5876, -16.0289

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.



220.4700, 3.7123, -24.0912



227.7230, 3.5876, 16.0289



222.5620, -9.1511, -4.8779

Square

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



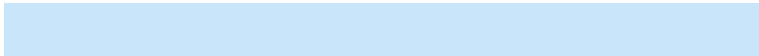
227.7230, 3.5876, 16.0289



225.7820, -12.7105, 16.8542



221.0920, -3.0034, -16.7437



222.6090, 13.0108, -19.8281

Rectangle

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



227.7230, 3.5876, 16.0289



227.6070, -7.2013, 23.1467



221.0920, -3.0034, -16.7437



220.3110, 8.2277, -25.7057

Sweetspot

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



227.7230, 3.5876, 16.0289



248.6740, 1.1467, 5.5479



223.5950, 11.0457, 3.8632



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.



227.7230, 3.5876, 16.0289



232.2720, 4.3029, 19.9325



226.1270, -2.5276, 17.4286



114.5000, 1.7255, 6.5775



68.8380, 23.2509, 102.7511



21.7450, 7.0277, 32.6726

Inverse Universe

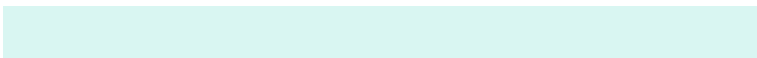
The Inverse Universe completely reimagines the original color for something new.



227.7230, 3.5876, 16.0289



232.2720, 4.3029, 19.9325



236.8730, 2.5276, -17.4286



114.5000, 1.7255, 6.5775



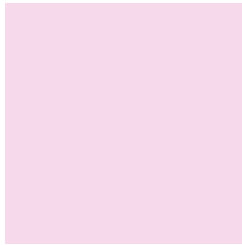
68.8380, 23.2509, 102.7511



21.7450, 7.0277, 32.6726

Previews

White Background



This preview shows how the YUV color 227.7230, 3.5876, 16.0289 looks on a white background.

Color Contrast Check

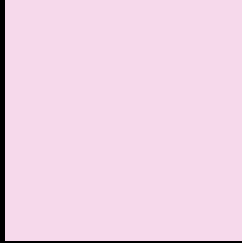
Large Text (above 18pt) WCAG AA × Fail

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 227.7230, 3.5876, 16.0289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

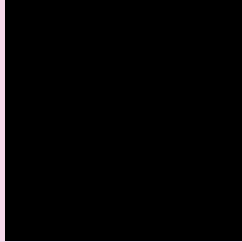
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 227.7230, 3.5876, 16.0289

Background



This preview shows how black text looks on a background with the YUV color 227.7230, 3.5876, 16.0289.



This preview shows how white text looks on a background with the YUV color 227.7230, 3.5876,

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

227.7230, 3.5876, 16.0289

Protanopia

226.0090, 6.4046, -0.8849

Deuteranopia

227.1140, 3.8878, 13.0550



Tritanopia

227.6090, 3.1508, 16.1289

Trichromacy



Original Color

227.7230, 3.5876, 16.0289

Protanomaly

226.5260, 5.6567, 5.6777

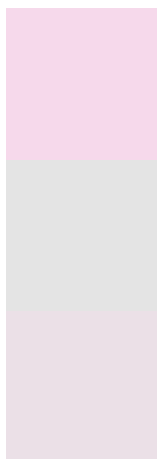
Deuteranomaly

227.4130, 3.7404, 13.6698

Tritanomaly

227.6090, 3.1508, 16.1289

Monochromacy



Original Color

227.7230, 3.5876, 16.0289

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.0870, 1.4361, 6.0627

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.7230, 3.5876, 16.0289 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(246, 217, 235)` looks like.

```
.text, #text, p{  
    color:rgb(246, 217, 235)  
}
```

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(246, 217, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 217, 235) }
```

Border

The CSS property to change the border of an element to YUV 227.7230, 3.5876, 16.0289 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(246, 217, 235) }
```


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

```
.border{ border-color:rgb(246, 217, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 217, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 217, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 217, 235);  
box-shadow:4px 4px 4px 4px rgb(246, 217,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 227.7230, 3.5876, 16.0289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 217, 235) }
```

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

```
.background{ background-color: rgb(246,  
217, 235) }
```

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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