

Converting Colors

YUV(216.6850, 4.5923, 20.4473)

Have a look what the booklet for
YUV(216.6850, 4.5923, 20.4473)
contains.

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Color

**YUV(216.6850, 4.5923,
20.4473)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CBE2
RGB	240, 203, 226
RGB Percent	94%, 80%, 89%
CMY	0.0588, 0.2039, 0.1137
CMYK	0.00, 0.15, 0.06, 0.06
HSL	323°, 55%, 87%
HSV	323°, 15%, 94%
XYZ	71.0186, 66.7281, 81.0882
YIQ	216.6850, 14.6690, 14.9970

Conversions

Conversions Part 2

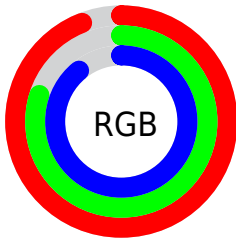
Format	Color
R _Y B	240, 203, 226
Decimal	15780834
CIE Lab	85.37, 16.79, -6.52
CIE LCh	85, 18.009, 338.789
Yxy	66.7281, 0.3245, 0.3049
Android (android.graphics.Color)	4293970914 (0xFFFF0CBE2)
YUV	216.6850, 4.5923, 20.4473
Hunter-Lab	81.6873, 12.2344, -1.6741

Details

The YUV color $216.6850, 4.5923, 20.4473$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $226.3150, -4.5923, -20.4473$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.9730, 4.4503, 19.3177$ is the 20% darker color. If you saturate the color by 10%, you get $201.5710, 7.6065, 33.7022$, and if you desaturate by 10%, it is $231.7990, 1.5781, 7.1923$.

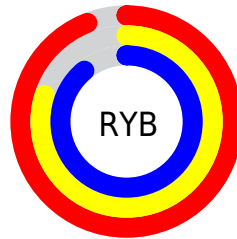
Distribution



Red (94%)

Green (80%)

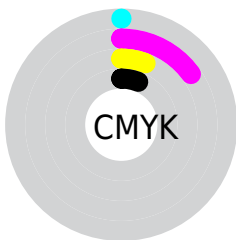
Blue (89%)



Red (94%)

Yellow (80%)

Blue (89%)

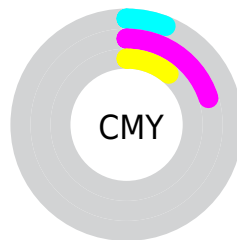


Cyan (0%)

Magenta (15%)

Yellow (6%)

Black (6%)



Cyan (6%)

Magenta (20%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 216.6850, 4.5923, 20.4473 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 216.6850, 4.5923, 20.4473 by changing the saturation by 10% instead.

 216.6850, 4.5923,
20.4473


 216.6850, 4.5923,
20.4473

255.0000, 0.0000,
0.0000

 189.2720, 4.3029,
19.9325

 161.9730, 4.4503,
19.3177

 135.5600, 4.1609,
18.8029

 109.9620, 4.4557,
17.5733

 85.5490, 4.1663,
17.0585

 62.1360, 3.8770,
16.5437

 39.5380, 4.1718,

15.3142

■ 17.6520, 4.6086,
15.2142

■ 0.0000, 0.0000,
0.0000

■ 216.6850, 4.5923,
20.4473

■ 216.6850, 4.5923,
20.4473

■ 201.5710, 7.6065,
33.7022

■ 231.7990, 1.5781,
7.1923

■ 186.4570, 10.6207,
46.9572

■ 246.9130, -1.4361,
-6.0627

■ 171.3430, 13.6349,
60.2122

■ 250.2870, 1.3375,
-9.0217

■ 156.2290, 16.6491,
73.4672

■ 250.5150, 2.2111,
-9.2217

■ 141.1150, 19.6633,
86.7221

■ 126.0010, 22.6775,
99.9771

■ 110.7730, 25.2549,
113.3321

■ 95.6590, 28.2691,
126.5871

■ 88.7460, 29.7052,
132.6498

Harmonies

Analogous

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



215.5460, 12.0558, 6.5372



216.6850, 4.5923, 20.4473



216.8510, -3.8705, 28.1947

Triad

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



216.6850, 4.5923, 20.4473



212.5160, -16.0304, 8.3175



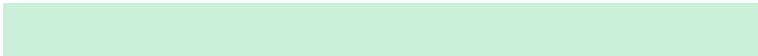
207.8200, 12.9067, -33.1681

Complementary

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



216.6850, 4.5923, 20.4473



226.3150, -4.5923, -20.4473

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.



206.8820, 5.4812, -31.4685



216.6850, 4.5923, 20.4473



210.1550, -11.9084, -7.1519

Square

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



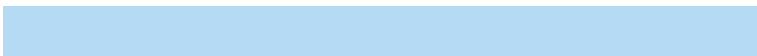
216.6850, 4.5923, 20.4473



214.0060, -15.7790, 21.0427



208.1300, -4.0081, -21.1620



209.9010, 16.8108, -25.3462

Rectangle

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



216.6850, 4.5923, 20.4473



216.1840, -8.9647, 28.7796



208.1300, -4.0081, -21.1620



207.5380, 10.5808, -33.7978

Sweetspot

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



216.6850, 4.5923, 20.4473



246.7990, 1.5781, 7.1923



211.4040, 14.0978, 4.9077



122.9620, 1.0047, 4.4183



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.



216.6850, 4.5923, 20.4473



224.7720, 6.0284, 26.5100



214.6330, -3.2701, 22.2469



112.3860, 1.2887, 6.6775



68.0120, 22.6721, 101.7215



20.7340, 7.0331, 30.9283

Inverse Universe

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



216.6850, 4.5923, 20.4473



224.7720, 6.0284, 26.5100



228.3670, 3.2701, -22.2469



112.3860, 1.2887, 6.6775



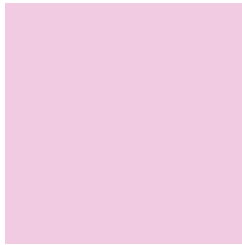
68.0120, 22.6721, 101.7215



20.7340, 7.0331, 30.9283

Previews

White Background



This preview shows how the YUV color 216.6850, 4.5923, 20.4473 looks on a white background.

Color Contrast Check

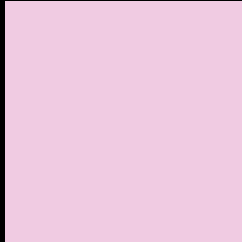
Large Text (above 18pt) WCAG AA × Fail

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 216.6850, 4.5923, 20.4473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

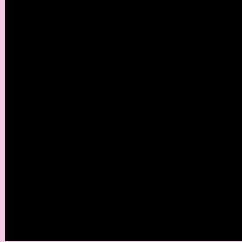
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 216.6850, 4.5923, 20.4473

Background



This preview shows how black text looks on a background with the YUV color 216.6850, 4.5923, 20.4473.



This preview shows how white text looks on a background with the YUV color 216.6850, 4.5923,

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

216.6850, 4.5923, 20.4473

Protanopia

214.2800, 8.7360, -1.9996

Deuteranopia

215.6300, 4.6194, 11.7255



Tritanopia

216.2890, 1.8295, 19.9175

Trichromacy



Original Color

216.6850, 4.5923, 20.4473

Protanomaly

215.2810, 7.2565, 5.8926

Deuteranomaly

216.2390, 4.3192, 14.6994

Tritanomaly

216.5170, 2.7031, 19.7176

Monochromacy



Original Color

216.6850, 4.5923, 20.4473

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.7990, 1.5781, 7.1923

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.6850, 4.5923, 20.4473 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, 203, 226)` looks like.

```
.text, #text, p{  
    color:rgb(240, 203, 226)  
}
```

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, 203, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 203, 226) }
```

Border

The CSS property to change the border of an element to YUV 216.6850, 4.5923, 20.4473 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, 203, 226) }
```


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

```
.border{ border-color:rgb(240, 203, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 203, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 203, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 203, 226);  
box-shadow:4px 4px 4px 4px rgb(240, 203,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 216.6850, 4.5923, 20.4473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 203, 226) }
```

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

```
.background{ background-color: rgb(240,  
203, 226) }
```

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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