

Converting Colors

YUV(210.4330, 13.5905,
27.6843)

Have a look what the booklet for
YUV(210.4330, 13.5905, 27.6843)
contains.

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Color

**YUV(210.4330, 13.5905,
27.6843)**

Conversions

Conversions Part 1

Format	Color
Hex	F2BDEE
RGB	242, 189, 238
RGB Percent	95%, 74%, 93%
CMY	0.0510, 0.2588, 0.0667
CMYK	0.00, 0.22, 0.02, 0.05
HSL	305°, 67%, 85%
HSV	305°, 22%, 95%
XYZ	70.2482, 61.4455, 89.0466
YIQ	210.4330, 15.8590, 26.4750

Conversions

Conversions Part 2

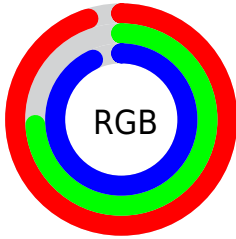
Format	Color
R _Y B	242, 189, 238
Decimal	15908334
CIE Lab	82.62, 26.99, -17.00
CIE LCh	83, 31.899, 327.793
Yxy	61.4455, 0.3182, 0.2784
Android (android.graphics.Color)	4294098414 (0xFFF2BDEE)
YUV	210.4330, 13.5905, 27.6843
Hunter-Lab	78.3872, 22.7886, -12.4815

Details

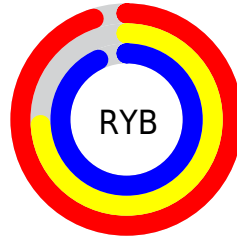
The YUV color **210.4330, 13.5905, 27.6843** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **220.5670, -13.5905, -27.6843**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.7170, 2.6045, 4.6332**, and **155.3080, 13.1592, 26.0399** is the 20% darker color. If you saturate the color by 10%, you get **196.1170, 19.6623, 40.2394**, and if you desaturate by 10%, it is **224.7490, 7.5187, 15.1291**.

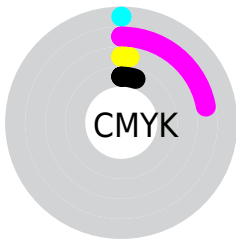
Distribution



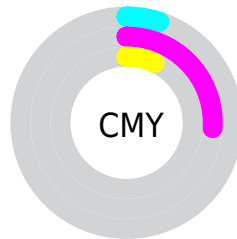
- Red (95%)
- Green (74%)
- Blue (93%)



- Red (95%)
- Yellow (74%)
- Blue (93%)



- Cyan (0%)
- Magenta (22%)
- Yellow (2%)
- Black (5%)





- Cyan (5%)
- Magenta (26%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 210.4330, 13.5905, 27.6843 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 210.4330, 13.5905, 27.6843 by changing the saturation by 10% instead.


 210.4330, 13.5905,
27.6843


 210.4330, 13.5905,
27.6843


255.0000, 0.0000,
0.0000

 182.7210, 13.4485,
26.5547


 249.7170, 2.6045,
4.6332

 155.3080, 13.1592,
26.0399

 129.4820, 12.5804,
25.0103

 104.0690, 12.2910,
24.4955

 79.3570, 12.1490,
23.3659

 55.6450, 12.0070,
22.2363

 32.3460, 12.1544,

21.6216

■ 14.7540, 9.9813,
18.6327

■ 1.1400, 4.3680,
-0.9998

■ 210.4330, 13.5905,
27.6843

■ 210.4330, 13.5905,
27.6843

■ 196.1170, 19.6623,
40.2394

■ 224.7490, 7.5187,
15.1291

■ 181.8010, 25.7341,
52.7945

■ 239.0650, 1.4470,
2.5740

■ 167.0120, 32.5321,
65.7645

■ 249.7450, -3.3253,
-6.7924

■ 152.6960, 38.6039,
78.3196

■ 249.9730, -2.4517,
-6.9923

138.3800, 44.6757,
90.8747

250.2010, -1.5781,
-7.1923

124.0640, 50.7474,
103.4299

250.4290, -0.7045,
-7.3922

109.7480, 56.8192,
115.9850

250.6570, 0.1691,
-7.5922

97.8940, 62.1703,
126.3810

250.8850, 1.0427,
-7.7921

250.9990, 1.4795,
-7.8921

Harmonies

Analogous

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



207.7760, 23.2814, -0.6806



210.4330, 13.5905, 27.6843



208.0790, 0.4541, 41.1497

Triad

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



210.4330, 13.5905, 27.6843



204.2760, -28.7301, 21.6829



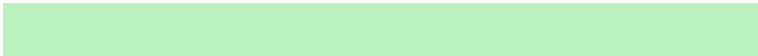
190.5490, 20.4353, -68.0105

Complementary

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



210.4330, 13.5905, 27.6843



220.5670, -13.5905, -27.6843

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.



192.5110, 4.6781, -53.9451



210.4330, 13.5905, 27.6843



200.9740, -24.1442, -2.6082

Square

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



210.4330, 13.5905, 27.6843



206.7220, -25.0059, 40.5858



197.0120, -11.8379, -29.8285



194.4220, 29.8650, -59.1291

Rectangle

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



210.4330, 13.5905, 27.6843



205.7990, -8.2819, 43.1493



197.0120, -11.8379, -29.8285



190.7190, 15.9145, -64.6516

Sweetspot

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



210.4330, 13.5905, 27.6843



244.3200, 4.7722, 9.3664



196.2380, 22.5607, -2.8397



121.4290, 2.7465, 5.7628



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.



210.4330, 13.5905, 27.6843



215.6880, 16.9158, 34.4766



207.4690, 2.2338, 30.2837



112.8420, 3.0359, 6.2776



74.3960, 47.1328, 96.1227



22.6720, 14.4587, 29.2287

Inverse Universe

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



210.4330, 13.5905, 27.6843



215.6880, 16.9158, 34.4766



223.5310, -2.2338, -30.2837



112.8420, 3.0359, 6.2776



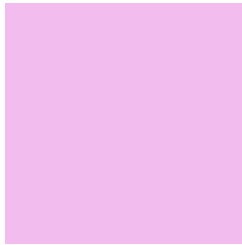
74.3960, 47.1328, 96.1227



22.6720, 14.4587, 29.2287

Previews

White Background



This preview shows how the YUV color 210.4330, 13.5905, 27.6843 looks on a white background.

Color Contrast Check

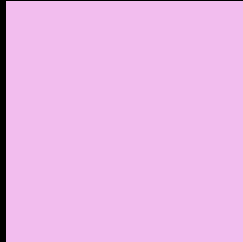
Large Text (above 18pt) WCAG AA × Fail

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 210.4330, 13.5905, 27.6843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

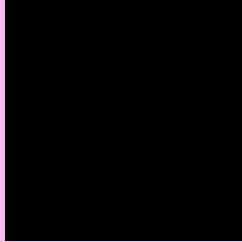
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 210.4330, 13.5905, 27.6843

Background



This preview shows how black text looks on a background with the YUV color 210.4330, 13.5905, 27.6843.



This preview shows how white text looks on a background with the YUV color 210.4330, 13.5905,

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

210.4330, 13.5905, 27.6843

Protanopia

206.6240, 20.3984, -9.3172

Deuteranopia

208.2790, 13.6665, 3.2633



Tritanopia

208.8660, 0.0661, 25.5505

Trichromacy



Original Color

210.4330, 13.5905, 27.6843



Protanomaly

208.3160, 17.5922, 4.1079



Deuteranomaly

209.3340, 13.6393, 11.9851



Tritanomaly

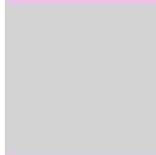
209.2450, 5.3022, 26.0951

Monochromacy



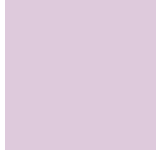
Original Color

210.4330, 13.5905, 27.6843



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

210.0320, 4.9142, 10.4959

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.4330, 13.5905, 27.6843 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(242, 189, 238)` looks like.

```
.text, #text, p{  
    color:rgb(242, 189, 238)  
}
```

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(242, 189, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 189, 238) }
```

Border

The CSS property to change the border of an element to YUV 210.4330, 13.5905, 27.6843 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(242, 189, 238) }
```


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

```
.border{ border-color:rgb(242, 189, 238) }
```

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

Here you see how a box with a 4 pixel rgb(242, 189, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 189, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 189, 238);  
box-shadow:4px 4px 4px 4px rgb(242, 189,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 210.4330, 13.5905, 27.6843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 189, 238) }
```

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

```
.background{ background-color: rgb(242,  
189, 238) }
```

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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