

Converting Colors

YUV(218.7710, 10.9589,
31.7728)

Have a look what the booklet for
YUV(218.7710, 10.9589, 31.7728)
contains.

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Color

**YUV(218.7710, 10.9589,
31.7728)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4F1
RGB	255, 196, 241
RGB Percent	100%, 77%, 95%
CMY	0.0000, 0.2314, 0.0549
CMYK	0.00, 0.23, 0.05, 0.00
HSL	314°, 100%, 88%
HSV	314°, 23%, 100%
XYZ	76.8571, 67.0907, 92.1181
YIQ	218.7710, 20.7190, 26.5030

Conversions

Conversions Part 2

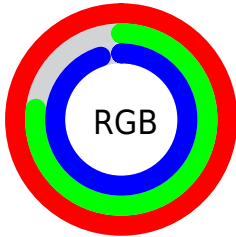
Format	Color
R_{YB}	255, 196, 241
Decimal	16762097
CIE _{Lab}	85.55, 28.11, -14.07
CIE _{LCh}	86, 31.432, 333.403
Yxy	67.0907, 0.3256, 0.2842
Android (android.graphics.Color)	4294952177 (0xFFFFC4F1)
YUV	218.7710, 10.9589, 31.7728
Hunter-Lab	81.9089, 24.1502, -9.3437

Details

The YUV color **218.7710, 10.9589, 31.7728** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **232.2290, -10.9589, -31.7728**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **253.8260, 0.5788, 1.0296**, and **163.6460, 10.5275, 30.1285** is the 20% darker color. If you saturate the color by 10%, you get **203.4120, 15.5729, 45.2427**, and if you desaturate by 10%, it is **234.7170, 6.0555, 17.7882**.

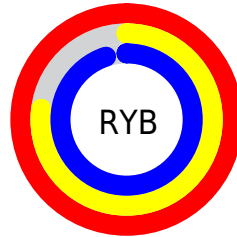
Distribution



Red (100%)

Green (77%)

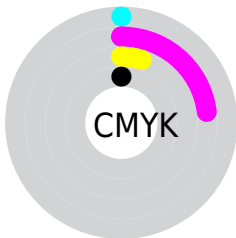
Blue (95%)



Red (100%)

Yellow (77%)

Blue (95%)

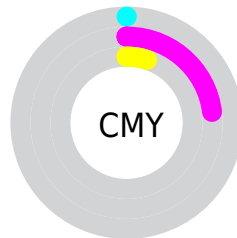


Cyan (0%)

Magenta (23%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.7710, 10.9589, 31.7728 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 218.7710, 10.9589, 31.7728 by changing the saturation by 10% instead.

218.7710, 10.9589,
31.7728

218.7710, 10.9589,
31.7728

255.0000, 0.0000,
0.0000

191.0590, 10.8169,
30.6433

253.8260, 0.5788,
1.0296

163.6460, 10.5275,
30.1285

136.9340, 10.3855,
28.9989

111.2220, 10.2436,
27.8693

85.9230, 10.3910,
27.2545

62.0970, 9.8122,
26.2249

38.4990, 10.1070,

24.9954

■ 17.3740, 9.6756,
23.3510

■ 6.1950, 4.3409,
7.7220

■ 218.7710, 10.9589,
31.7728

■ 218.7710, 10.9589,
31.7728

■ 203.4120, 15.5729,
45.2427

■ 234.7170, 6.0555,
17.7882

■ 187.4660, 20.4763,
59.2273

■ 250.0760, 1.4415,
4.3183

■ 172.1070, 25.0902,
72.6972

255.0000, 0.0000,
0.0000

■ 156.1610, 29.9936,
86.6818

■ 140.8020, 34.6076,
100.1516

■ 124.8560, 39.5110,
114.1363

■ 109.4970, 44.1250,
127.6061

■ 98.3610, 47.1500,
137.3724

Harmonies

Analogous

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



216.0820, 19.1866, 6.0671



218.7710, 10.9589, 31.7728



213.0030, -0.9875, 36.8314

Triad

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



218.7710, 10.9589, 31.7728



211.9550, -28.5718, 17.5795



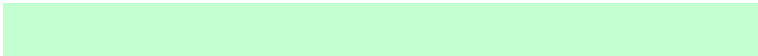
199.4290, 22.4665, -66.1512

Complementary

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



218.7710, 10.9589, 31.7728



232.2290, -10.9589, -31.7728

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.



200.8850, 7.4517, -56.9041



218.7710, 10.9589, 31.7728



208.8100, -22.0913, -7.7264

Square

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



218.7710, 10.9589, 31.7728



213.8740, -25.5739, 36.0675



204.6740, -9.2063, -33.9171



203.3150, 25.4807, -52.8963

Rectangle

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



218.7710, 10.9589, 31.7728



211.4240, -9.5760, 38.2162



204.6740, -9.2063, -33.9171



199.2890, 18.0985, -65.1515

Sweetspot

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



218.7710, 10.9589, 31.7728



243.9780, 3.4618, 9.6663



206.9120, 23.7074, 2.7082



121.2010, 1.8729, 5.9627



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.



218.7710, 10.9589, 31.7728



211.3850, 13.1212, 38.2504



215.4650, -1.7082, 34.6722



119.9130, 2.0149, 7.0923



73.7530, 35.6178, 102.8256



24.7220, 11.9691, 34.4468

Inverse Universe

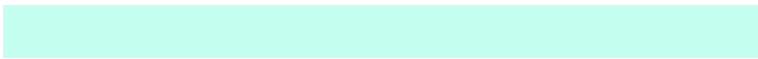
The Inverse Universe completely reimagines the original color for something new.



218.7710, 10.9589, 31.7728



211.3850, 13.1212, 38.2504



235.5350, 1.7082, -34.6722



119.9130, 2.0149, 7.0923



73.7530, 35.6178, 102.8256



24.7220, 11.9691, 34.4468

Previews

White Background



This preview shows how the YUV color 218.7710, 10.9589, 31.7728 looks on a white background.

Color Contrast Check

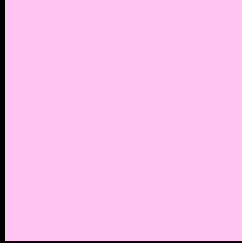
Large Text (above 18pt) WCAG AA × Fail

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 218.7710, 10.9589, 31.7728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

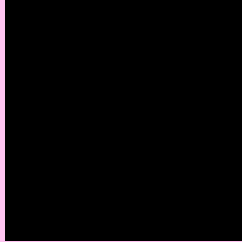
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.7710, 10.9589, 31.7728

Background



This preview shows how black text looks on a background with the YUV color 218.7710, 10.9589, 31.7728.



This preview shows how white text looks on a background with the YUV color 218.7710, 10.9589,

31.7728.

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

218.7710, 10.9589, 31.7728

Protanopia

214.7660, 18.3564, -7.6878

Deuteranopia

216.3180, 11.1822, 6.7371



Tritanopia

217.3720, -0.6764, 30.3688

Trichromacy



Original Color

218.7710, 10.9589, 31.7728



Protanomaly

216.1700, 15.6922, 6.8669



Deuteranomaly

217.3730, 11.1551, 15.4589



Tritanomaly

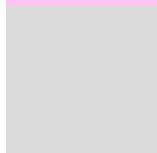
218.1100, 3.3968, 30.5985

Monochromacy



Original Color

218.7710, 10.9589, 31.7728



Achromatopsia

219.0000, 0.0000, 0.0000



Achromatomaly

219.1030, 3.8932, 11.3107

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.7710, 10.9589, 31.7728 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(255, 196, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 241)  
}
```

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(255, 196, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 241) }
```

Border

The CSS property to change the border of an element to YUV 218.7710, 10.9589, 31.7728 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(255, 196, 241) }
```


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

```
.border{ border-color:rgb(255, 196, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 218.7710, 10.9589, 31.7728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 241) }
```

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

```
.background{ background-color: rgb(255,  
196, 241) }
```

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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