

Converting Colors

YUV(202.0270, 12.8047,
46.4573)

Have a look what the booklet for
YUV(202.0270, 12.8047, 46.4573)
contains.

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Color

**YUV(202.0270, 12.8047,
46.4573)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAAE4
RGB	255, 170, 228
RGB Percent	100%, 67%, 89%
CMY	0.0000, 0.3333, 0.1059
CMYK	0.00, 0.33, 0.11, 0.00
HSL	319°, 100%, 83%
HSV	319°, 33%, 100%
XYZ	69.6183, 55.6109, 80.4635
YIQ	202.0270, 32.0420, 36.0580

Conversions

Conversions Part 2

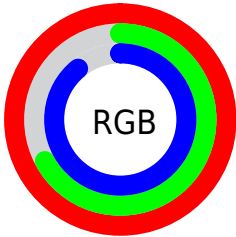
Format	Color
R _Y B	255, 170, 228
Decimal	16755428
CIE Lab	79.39, 39.54, -16.35
CIE LCh	79, 42.787, 337.535
Yxy	55.6109, 0.3385, 0.2704
Android (android.graphics.Color)	4294945508 (0xFFFFAAE4)
YUV	202.0270, 12.8047, 46.4573
Hunter-Lab	74.5727, 36.1387, -11.7726

Details

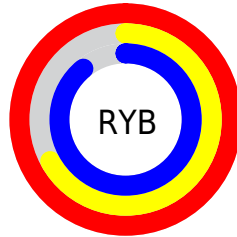
The YUV color $202.0270, 12.8047, 46.4573$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $222.9730, -12.8047, -46.4573$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.9770, 8.3923, 14.9292$, and $146.7170, 12.9575, 44.0982$ is the 20% darker color. If you saturate the color by 10%, you get $186.4400, 16.5451, 60.1271$, and if you desaturate by 10%, it is $217.6140, 9.0643, 32.7875$.

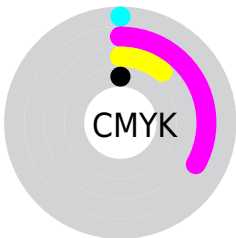
Distribution



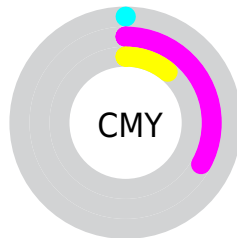
- Red (100%)
- Green (67%)
- Blue (89%)



- Red (100%)
- Yellow (67%)
- Blue (89%)



- Cyan (0%)
- Magenta (33%)
- Yellow (11%)
- Black (0%)





- Cyan (0%)
- Magenta (33%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 202.0270, 12.8047, 46.4573 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 202.0270, 12.8047, 46.4573 by changing the saturation by 10% instead.


 202.0270, 12.8047,
46.4573


 202.0270, 12.8047,
46.4573


255.0000, 0.0000,
0.0000

 174.3150, 12.6627,
45.3277


 237.9770, 8.3923,
14.9292

 146.7170, 12.9575,
44.0982

 120.5920, 12.5261,
42.4538

 94.2930, 12.6736,
41.8390

 68.6950, 12.9684,
40.6095

 41.7490, 14.4207,
41.4391

 24.7220, 11.9691,

34.4468

■ 16.0490, 5.8918,
23.6360

■ 0.0000, 0.0000,
0.0000

■ 202.0270, 12.8047,
46.4573

■ 202.0270, 12.8047,
46.4573

■ 186.4400, 16.5451,
60.1271

■ 217.6140, 9.0643,
32.7875

■ 170.2660, 20.5749,
74.3117

■ 233.7880, 5.0345,
18.6029

■ 154.6790, 24.3153,
87.9815

■ 249.9620, 1.0047,
4.4183

■ 138.5050, 28.3450,
102.1661

■ 255.0000, 0.0000,
0.0000

■ 122.3310, 32.3748,
116.3507

■ 106.6300, 35.6784,
130.1205

■ 96.0810, 38.4141,
139.3720

Harmonies

Analogous

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



200.4770, 26.8798, 11.8597



202.0270, 12.8047, 46.4573



194.5320, -3.2203, 53.0304

Triad

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



202.0270, 12.8047, 46.4573



193.2510, -37.5917, 17.3199



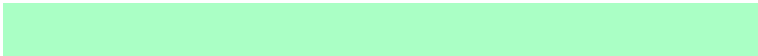
154.6080, 44.0703, -135.5912

Complementary

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



202.0270, 12.8047, 46.4573



222.9730, -12.8047, -46.4573

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.



169.6890, 17.9013, -95.3203



202.0270, 12.8047, 46.4573



188.5610, -27.8846, -16.2780

Square

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



202.0270, 12.8047, 46.4573



196.2960, -35.6419, 45.3444



181.4820, -8.1256, -53.9197



176.5700, 38.6660, -82.0609

Rectangle

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



202.0270, 12.8047, 46.4573



193.3290, -15.4452, 54.0855



181.4820, -8.1256, -53.9197



155.6210, 37.6548, -131.2176

Sweetspot

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



202.0270, 12.8047, 46.4573



239.4130, 3.7404, 13.6698



187.7630, 33.1478, 8.1008



118.0380, 2.4463, 8.7367



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.



202.0270, 12.8047, 46.4573



191.4780, 15.5403, 55.7088



197.2390, -5.5408, 50.6564



119.7990, 1.5781, 7.1923



72.0430, 29.0658, 104.3253



24.1520, 9.7851, 34.9467

Inverse Universe

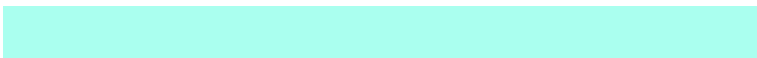
The Inverse Universe completely reimagines the original color for something new.



202.0270, 12.8047, 46.4573



191.4780, 15.5403, 55.7088



227.7610, 5.5408, -50.6564



119.7990, 1.5781, 7.1923



72.0430, 29.0658, 104.3253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 202.0270, 12.8047, 46.4573 looks on a white background.

Color Contrast Check

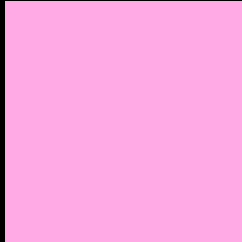
Large Text (above 18pt) WCAG AA × Fail

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 202.0270, 12.8047, 46.4573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

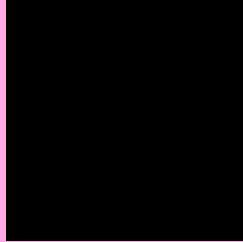
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.0270, 12.8047, 46.4573

Background



This preview shows how black text looks on a background with the YUV color 202.0270, 12.8047, 46.4573.



This preview shows how white text looks on a background with the YUV color 202.0270, 12.8047,

46.4573.

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

202.0270, 12.8047, 46.4573

Protanopia

197.7100, 23.3140, -11.1467

Deuteranopia

199.2360, 12.2087, 4.1780



Tritanopia

200.4230, -4.6455, 43.4790

Trichromacy



Original Color

202.0270, 12.8047, 46.4573



Protanomaly

199.2180, 19.6125, 9.4558



Deuteranomaly

200.3350, 12.1598, 19.8772



Tritanomaly

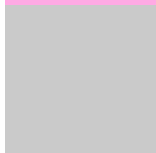
200.7420, 1.6062, 44.9533

Monochromacy



Original Color

202.0270, 12.8047, 46.4573



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

201.6630, 4.6031, 16.9585

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.0270, 12.8047, 46.4573 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, 170, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 228)  
}
```

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, 170, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 228) }
```

Border

The CSS property to change the border of an element to YUV 202.0270, 12.8047, 46.4573 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, 170, 228) }
```


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

```
.border{ border-color:rgb(255, 170, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 170, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 202.0270, 12.8047, 46.4573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 228) }
```

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

```
.background{ background-color: rgb(255,  
170, 228) }
```

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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