

Converting Colors

YUV(202.4540, 1.7482, 46.0828)

Have a look what the booklet for
YUV(202.4540, 1.7482, 46.0828)
contains.

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Color

**YUV(202.4540, 1.7482,
46.0828)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAFCE
RGB	255, 175, 206
RGB Percent	100%, 69%, 81%
CMY	0.0000, 0.3137, 0.1922
CMYK	0.00, 0.31, 0.19, 0.00
HSL	337°, 100%, 84%
HSV	337°, 31%, 100%
XYZ	67.7106, 56.3762, 65.7055
YIQ	202.4540, 37.7290, 26.6010

Conversions

Conversions Part 2

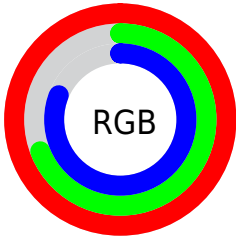
Format	Color
R_{YB}	255, 175, 206
Decimal	16756686
CIE _{Lab}	79.83, 33.51, -3.79
CIE _{LCh}	80, 33.720, 353.547
Yxy	56.3762, 0.3568, 0.2970
Android (android.graphics.Color)	4294946766 (0xFFFFAFCE)
YUV	202.4540, 1.7482, 46.0828
Hunter-Lab	75.0841, 29.5736, 0.6746

Details

The YUV color **202.4540, 1.7482, 46.0828** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **227.5460, -1.7482, -46.0828**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9120, 6.9454, 12.3552**, and **147.8450, 2.0484, 43.1089** is the 20% darker color. If you saturate the color by 10%, you get **185.3680, 2.2836, 61.0673**, and if you desaturate by 10%, it is **219.5400, 1.2128, 31.0984**.

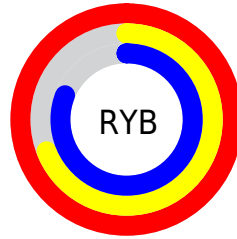
Distribution



Red (100%)

Green (69%)

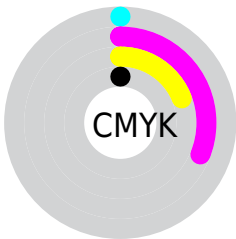
Blue (81%)



Red (100%)

Yellow (69%)

Blue (81%)

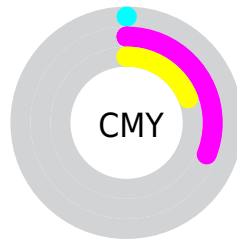


Cyan (0%)

Magenta (31%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 202.4540, 1.7482, 46.0828 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 202.4540, 1.7482, 46.0828 by changing the saturation by 10% instead.

 202.4540, 1.7482,
46.0828

 202.4540, 1.7482,
46.0828


255.0000, 0.0000,
0.0000


 174.8560, 2.0430,
44.8533


 240.9120, 6.9454,
12.3552

 147.8450, 2.0484,
43.1089

 121.2470, 2.3432,
41.8794

 95.3500, 2.7855,
40.0351

 70.7520, 3.0803,
38.8055

 45.6810, 4.1013,
37.9908

 22.5990, 5.1277,

35.4317

■ 14.2960, -2.1179,
26.0504

■ 0.0000, 0.0000,
0.0000

■ 202.4540, 1.7482,
46.0828

■ 202.4540, 1.7482,
46.0828

■ 185.3680, 2.2836,
61.0673

■ 219.5400, 1.2128,
31.0984

■ 168.9830, 2.9664,
75.4369

■ 235.9250, 0.5300,
16.7288

■ 151.8970, 3.5018,
90.4213

■ 253.0110, -0.0054,
1.7444

■ 135.5120, 4.1846,
104.7910

■ 255.0000, 0.0000,
0.0000

■ 119.0130, 4.4306,
119.2606

■ 101.9270, 4.9660,
134.2450

■ 87.5310, 5.6542,
146.8703

Harmonies

Analogous

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



203.1060, 16.2167, 25.3400



202.4540, 1.7482, 46.0828



199.3930, -12.5187, 48.7673

Triad

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



202.4540, 1.7482, 46.0828



193.7140, -26.4810, 0.2508



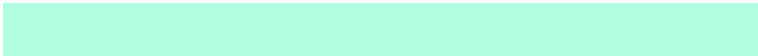
184.1220, 31.4919, -67.6360

Complementary

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



202.4540, 1.7482, 46.0828



227.5460, -1.7482, -46.0828

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.



180.8150, 20.3042, -72.6288



202.4540, 1.7482, 46.0828



189.3390, -14.4641, -27.4843

Square

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



202.4540, 1.7482, 46.0828



196.9560, -30.0513, 25.4716



184.3430, 2.7889, -54.6748



192.1840, 30.9683, -39.6264

Rectangle

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



202.4540, 1.7482, 46.0828



199.6890, -21.5387, 48.5077



184.3430, 2.7889, -54.6748



181.9920, 28.5979, -72.7840

Sweetspot

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



202.4540, 1.7482, 46.0828



239.9030, 0.5408, 13.2401



198.4720, 27.8683, 21.5111



118.1690, 0.4097, 8.6218



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.



202.4540, 1.7482, 46.0828



191.3350, 2.2998, 55.8342



203.6160, -14.1077, 45.0638



119.4570, 0.2677, 7.4922



65.5450, 4.1683, 110.0240



21.9860, 1.4859, 36.8463

Inverse Universe

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



202.4540, 1.7482, 46.0828



191.3350, 2.2998, 55.8342



226.3840, 14.1077, -45.0638



119.4570, 0.2677, 7.4922



65.5450, 4.1683, 110.0240



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 202.4540, 1.7482, 46.0828 looks on a white background.

Color Contrast Check

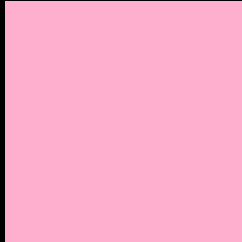
Large Text (above 18pt) WCAG AA × Fail

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 202.4540,
1.7482, 46.0828 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 202.4540, 1.7482, 46.0828

Background



This preview shows how black text looks on a background with the YUV color 202.4540, 1.7482, 46.0828.



This preview shows how white text looks on a background with the YUV color 202.4540, 1.7482,

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

202.4540, 1.7482, 46.0828

Protanopia

199.2090, 9.7570, -2.8143

Deuteranopia

200.1310, 1.4144, 13.0401



Tritanopia

201.9070, -5.3772, 44.8086

Trichromacy



Original Color

202.4540, 1.7482, 46.0828



Protanomaly

200.2220, 6.7926, 14.7143



Deuteranomaly

201.2080, 1.3765, 25.2506



Tritanomaly

202.1890, -3.0512, 45.4382

Monochromacy



Original Color

202.4540, 1.7482, 46.0828



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

201.9250, 0.5300, 16.7288

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.4540, 1.7482, 46.0828 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, 175, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 206)  
}
```

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, 175, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 206) }
```

Border

The CSS property to change the border of an element to YUV 202.4540, 1.7482, 46.0828 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, 175, 206) }
```


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

```
.border{ border-color:rgb(255, 175, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 202.4540, 1.7482, 46.0828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 206) }
```

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

```
.background{ background-color: rgb(255,  
175, 206) }
```

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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