

Converting Colors

YUV(200.6420, 10.0365,
47.6720)

Have a look what the booklet for
YUV(200.6420, 10.0365, 47.6720)
contains.

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Color

**YUV(200.6420, 10.0365,
47.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA9DD
RGB	255, 169, 221
RGB Percent	100%, 66%, 87%
CMY	0.0000, 0.3373, 0.1333
CMYK	0.00, 0.34, 0.13, 0.00
HSL	324°, 100%, 83%
HSV	324°, 34%, 100%
XYZ	68.4791, 54.8564, 75.3857
YIQ	200.6420, 34.5640, 34.4040

Conversions

Conversions Part 2

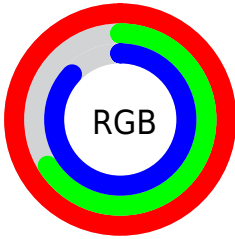
Format	Color
R _Y B	255, 169, 221
Decimal	16755165
CIE _{Lab}	78.96, 38.94, -13.21
CIE _{LCh}	79, 41.116, 341.258
Yxy	54.8564, 0.3446, 0.2760
Android (android.graphics.Color)	4294945245 (0xFFFFA9DD)
YUV	200.6420, 10.0365, 47.6720
Hunter-Lab	74.0651, 35.4236, -8.5016

Details

The YUV color $200.6420, 10.0365, 47.6720$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $223.3580, -10.0365, -47.6720$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.3900, 8.6817, 15.4440$, and $145.3320, 10.1893, 45.3128$ is the 20% darker color. If you saturate the color by 10%, you get $184.8270, 12.9033, 61.5417$, and if you desaturate by 10%, it is $217.0440, 6.8803, 33.2874$.

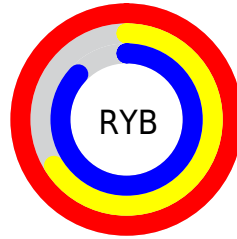
Distribution



Red (100%)

Green (66%)

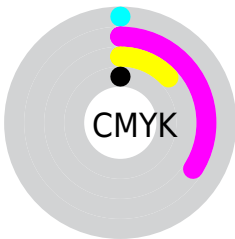
Blue (87%)



Red (100%)

Yellow (66%)

Blue (87%)

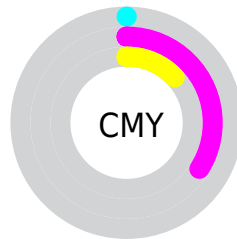


Cyan (0%)

Magenta (34%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (34%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.6420, 10.0365, 47.6720 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 200.6420, 10.0365, 47.6720 by changing the saturation by 10% instead.


 200.6420, 10.0365,
47.6720

 200.6420, 10.0365,
47.6720


255.0000, 0.0000,
0.0000


 172.9300, 9.8945,
46.5424


 237.3900, 8.6817,
15.4440


 145.3320, 10.1893,
45.3128

254.4130, 0.2894,
0.5148

 119.3210, 10.1947,
43.5685

 92.7230, 10.4896,
42.3389

 67.4240, 10.6370,
41.7242

 40.5920, 12.5261,
42.4538

 23.8530, 9.9325,

34.3319

■ 15.2940, 4.2921,
23.4212

■ 0.0000, 0.0000,
0.0000

■ 200.6420, 10.0365,
47.6720

■ 200.6420, 10.0365,
47.6720

■ 184.8270, 12.9033,
61.5417

■ 217.0440, 6.8803,
33.2874

■ 168.4250, 16.0595,
75.9263

■ 232.8590, 4.0135,
19.4177

■ 152.6100, 18.9263,
89.7960

■ 249.2610, 0.8573,
5.0331

■ 136.2080, 22.0825,
104.1806

■ 255.0000, 0.0000,
0.0000

■ 120.3930, 24.9493,
118.0503

■ 103.9910, 28.1054,
132.4349

■ 93.8010, 29.6781,
141.3715

Harmonies

Analogous

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



199.6840, 26.2848, 16.0631



200.6420, 10.0365, 47.6720



194.4350, -6.1305, 53.1155

Triad

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



200.6420, 10.0365, 47.6720



191.6850, -35.8337, 13.4313



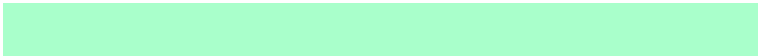
165.2090, 39.3370, -110.6853

Complementary

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



200.6420, 10.0365, 47.6720



223.3580, -10.0365, -47.6720

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.



169.7540, 19.3483, -92.7463



200.6420, 10.0365, 47.6720



186.7500, -24.5267, -19.9518

Square

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



200.6420, 10.0365, 47.6720



194.6760, -35.3363, 40.6261



179.9810, -4.9206, -55.2343



179.2940, 37.3231, -71.2948

Rectangle

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



200.6420, 10.0365, 47.6720



193.4600, -17.4818, 53.9706



179.9810, -4.9206, -55.2343



163.6450, 34.6850, -111.9447

Sweetspot

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



200.6420, 10.0365, 47.6720



239.1850, 2.8668, 13.8698



188.6710, 32.7002, 11.6895



117.8100, 1.5727, 8.9366



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.



200.6420, 10.0365, 47.6720



190.5660, 12.0460, 56.5086



195.8540, -8.3090, 51.8710



119.6850, 1.1413, 7.2923



70.3330, 22.5138, 105.8250



23.5820, 7.6011, 35.4466

Inverse Universe

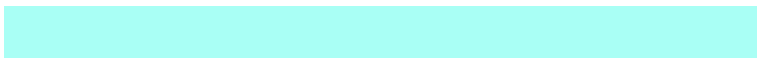
The Inverse Universe completely reimagines the original color for something new.



200.6420, 10.0365, 47.6720



190.5660, 12.0460, 56.5086



228.1460, 8.3090, -51.8710



119.6850, 1.1413, 7.2923



70.3330, 22.5138, 105.8250



23.5820, 7.6011, 35.4466

Previews

White Background



This preview shows how the YUV color 200.6420, 10.0365, 47.6720 looks on a white background.

Color Contrast Check

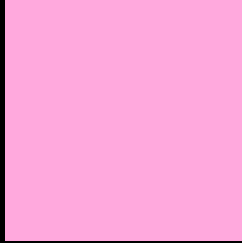
Large Text (above 18pt) WCAG AA × Fail

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 200.6420, 10.0365, 47.6720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

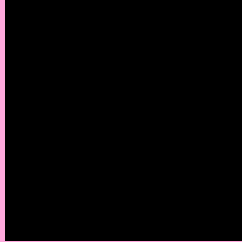
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.6420, 10.0365, 47.6720

Background



This preview shows how black text looks on a background with the YUV color 200.6420, 10.0365, 47.6720.



This preview shows how white text looks on a background with the YUV color 200.6420, 10.0365,

47.6720.

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

200.6420, 10.0365, 47.6720

Protanopia

196.6240, 20.3984, -9.3172

Deuteranopia

198.1500, 9.2931, 6.0075



Tritanopia

199.2060, -5.5246, 45.4233

Trichromacy



Original Color

200.6420, 10.0365, 47.6720



Protanomaly

198.1320, 16.6969, 11.2852



Deuteranomaly

198.9500, 9.3917, 21.0919



Tritanomaly

199.6990, 0.1484, 45.8680

Monochromacy



Original Color

200.6420, 10.0365, 47.6720



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

200.7340, 3.5821, 17.7733

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.6420, 10.0365, 47.6720 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, 169, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 221)  
}
```

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, 169, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 221) }
```

Border

The CSS property to change the border of an element to YUV 200.6420, 10.0365, 47.6720 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, 169, 221) }
```


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

```
.border{ border-color:rgb(255, 169, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 200.6420, 10.0365, 47.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 221) }
```

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

```
.background{ background-color: rgb(255,  
169, 221) }
```

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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