

Converting Colors

YUV(203.9540, 0.0227, 39.5053)

Have a look what the booklet for
YUV(203.9540, 0.0227, 39.5053)
contains.

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Color

**YUV(203.9540, 0.0227,
39.5053)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B5CC
RGB	249, 181, 204
RGB Percent	98%, 71%, 80%
CMY	0.0235, 0.2902, 0.2000
CMYK	0.00, 0.27, 0.18, 0.02
HSL	340°, 85%, 84%
HSV	340°, 27%, 98%
XYZ	66.4899, 57.5471, 64.7300
YIQ	203.9540, 33.1450, 21.5690

Conversions

Conversions Part 2

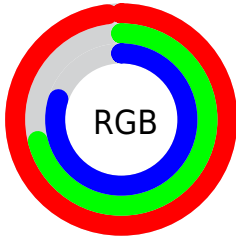
Format	Color
R _Y B	249, 181, 204
Decimal	16365004
CIE Lab	80.49, 27.97, -1.81
CIE LCh	80, 28.026, 356.291
Yxy	57.5471, 0.3522, 0.3049
Android (android.graphics.Color)	4294555084 (0xFFFF9B5CC)
YUV	203.9540, 0.0227, 39.5053
Hunter-Lab	75.8598, 23.6976, 2.5106

Details

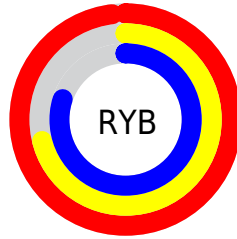
The YUV color $203.9540, 0.0227, 39.5053$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $226.0460, -0.0227, -39.5053$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.4340, 5.2090, 9.2664$, and $149.6440, 0.1755, 37.1462$ is the 20% darker color. If you saturate the color by 10%, you get $187.4550, 0.2687, 53.9750$, and if you desaturate by 10%, it is $220.4530, -0.2233, 25.0357$.

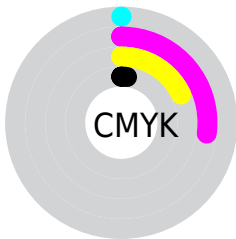
Distribution



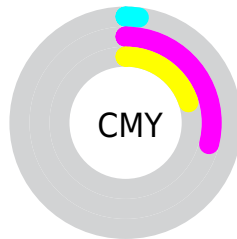
- Red (98%)
- Green (71%)
- Blue (80%)



- Red (98%)
- Yellow (71%)
- Blue (80%)



- Cyan (0%)
- Magenta (27%)
- Yellow (18%)
- Black (2%)



- Cyan (2%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.9540, 0.0227, 39.5053 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 203.9540, 0.0227, 39.5053 by changing the saturation by 10% instead.

 203.9540, 0.0227,
39.5053

 203.9540, 0.0227,
39.5053


255.0000, 0.0000,
0.0000


 176.3560, 0.3175,
38.2758


 244.4340, 5.2090,
9.2664

 149.6440, 0.1755,
37.1462

 123.0460, 0.4703,
35.9167

 97.4480, 0.7651,
34.6871

 72.5510, 1.2074,
32.8428

 49.0670, 1.9390,
31.5132

 25.1100, 3.3968,

30.5985

■ 13.0570, -2.9861,
24.5060

■ 0.0000, 0.0000,
0.0000

■ 203.9540, 0.0227,
39.5053

■ 203.9540, 0.0227,
39.5053

■ 187.4550, 0.2687,
53.9750

■ 220.4530, -0.2233,
25.0357

■ 170.8420, 0.0779,
68.5446

■ 237.0660, -0.0325,
10.4661

■ 154.3430, 0.3239,
83.0142

■ 252.9780, 0.0108,
-3.4887

■ 137.7300, 0.1331,
97.5838

■ 253.2060, 0.8844,
-3.6887

■ 121.8180, 0.0897,
111.5386

■ 105.2050, -0.1011,
126.1082

■ 88.7060, 0.1449,
140.5778

■ 84.0270, -0.0133,
144.6813

Harmonies

Analogous

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



204.0580, 12.2964, 22.7511



203.9540, 0.0227, 39.5053



202.7730, -12.2131, 44.0491

Triad

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



203.9540, 0.0227, 39.5053



195.9680, -21.6762, -0.8489



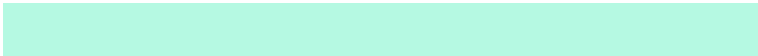
190.6250, 25.3279, -50.5371

Complementary

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



203.9540, 0.0227, 39.5053



226.0460, -0.0227, -39.5053

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.



187.7030, 16.9084, -56.7445



203.9540, 0.0227, 39.5053



192.2730, -10.9806, -24.7954

Square

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



203.9540, 0.0227, 39.5053



198.8890, -25.0883, 20.2683



188.8110, 3.0512, -45.4382



196.5120, 26.8626, -29.3900

Rectangle

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



203.9540, 0.0227, 39.5053



201.9160, -19.1856, 40.4157



188.8110, 3.0512, -45.4382



189.4350, 23.4495, -54.7555

Sweetspot

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



203.9540, 0.0227, 39.5053



241.7780, 0.1094, 11.5957



201.9080, 23.2164, 20.2517



119.3430, -0.1691, 7.5922



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.



203.9540, 0.0227, 39.5053



199.3080, -0.1518, 48.8419



207.2020, -12.9176, 36.6568



116.4570, 0.2677, 7.4922



63.8070, 0.0951, 109.7943



20.6330, 0.1809, 35.4019

Inverse Universe

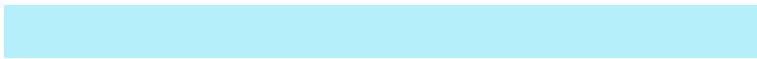
The Inverse Universe completely reimagines the original color for something new.



203.9540, 0.0227, 39.5053



199.3080, -0.1518, 48.8419



222.7980, 12.9176, -36.6568



116.4570, 0.2677, 7.4922



63.8070, 0.0951, 109.7943



20.6330, 0.1809, 35.4019

Previews

White Background



This preview shows how the YUV color 203.9540, 0.0227, 39.5053 looks on a white background.

Color Contrast Check

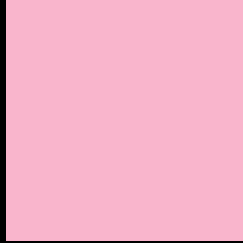
Large Text (above 18pt) WCAG AA × Fail

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 203.9540, 0.0227, 39.5053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

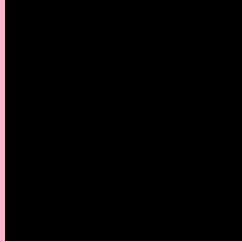
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.9540, 0.0227, 39.5053

Background



This preview shows how black text looks on a background with the YUV color 203.9540, 0.0227, 39.5053.



This preview shows how white text looks on a background with the YUV color 203.9540, 0.0227,

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

203.9540, 0.0227, 39.5053

Protanopia

200.8240, 6.9888, -1.5996

Deuteranopia

202.3870, -0.1908, 14.5696



Tritanopia

203.3300, -3.6137, 39.1756

Trichromacy



Original Color

203.9540, 0.0227, 39.5053

Protanomaly

201.6410, 4.6140, 13.4698

Deuteranomaly

202.8550, 0.0715, 23.8062

Tritanomaly

203.6720, -2.3033, 38.8757

Monochromacy



Original Color

203.9540, 0.0227, 39.5053

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.0880, -0.0434, 13.9548

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.9540, 0.0227, 39.5053 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(249, 181, 204)` looks like.

```
.text, #text, p{  
    color:rgb(249, 181, 204)  
}
```

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(249, 181, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 181, 204) }
```

Border

The CSS property to change the border of an element to YUV 203.9540, 0.0227, 39.5053 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(249, 181, 204) }
```


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

```
.border{ border-color:rgb(249, 181, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 181, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 181, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 181, 204);  
box-shadow:4px 4px 4px 4px rgb(249, 181,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 203.9540, 0.0227, 39.5053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 181, 204) }
```

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

```
.background{ background-color: rgb(249,  
181, 204) }
```

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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