

Converting Colors

YUV(187.9620, -5.4043,
53.5303)

Have a look what the booklet for
YUV(187.9620, -5.4043, 53.5303)
contains.

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Color

**YUV(187.9620, -5.4043,
53.5303)**

Conversions

Conversions Part 1

Format	Color
Hex	F99FB1
RGB	249, 159, 177
RGB Percent	98%, 62%, 69%
CMY	0.0235, 0.3765, 0.3059
CMYK	0.00, 0.36, 0.29, 0.02
HSL	348°, 88%, 80%
HSV	348°, 36%, 98%
XYZ	59.4009, 48.1103, 47.7504
YIQ	187.9620, 47.8620, 24.6780

Conversions

Conversions Part 2

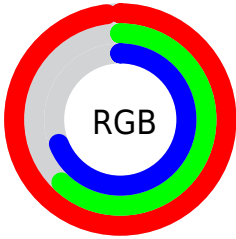
Format	Color
R_{YB}	249, 159, 177
Decimal	16359345
CIE _{Lab}	74.89, 35.70, 4.76
CIE _{LCh}	75, 36.016, 7.601
Yxy	48.1103, 0.3826, 0.3099
Android (android.graphics.Color)	4294549425 (0xFFFF99FB1)
YUV	187.9620, -5.4043, 53.5303
Hunter-Lab	69.3616, 31.4835, 7.7363

Details

The YUV color **187.9620, -5.4043, 53.5303** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **220.0380, 5.4043, -53.5303**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.0120, 1.9661, 22.7915**, and **133.5810, -4.2304, 50.3565** is the 20% darker color. If you saturate the color by 10%, you get **171.0070, -6.9055, 68.3999**, and if you desaturate by 10%, it is **204.9170, -3.9031, 38.6608**.

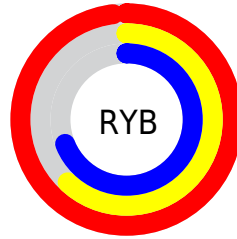
Distribution



Red (98%)

Green (62%)

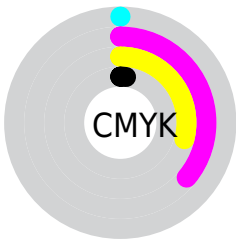
Blue (69%)



Red (98%)

Yellow (62%)

Blue (69%)

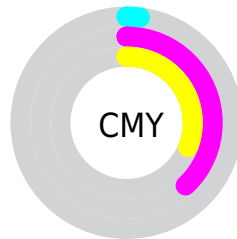


Cyan (0%)

Magenta (36%)

Yellow (29%)

Black (2%)



Cyan (2%)


Magenta (38%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.9620, -5.4043, 53.5303 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 187.9620, -5.4043, 53.5303 by changing the saturation by 10% instead.

 187.9620, -5.4043,
53.5303

 187.9620, -5.4043,
53.5303

255.0000, 0.0000,
0.0000


 160.3640, -5.1095,
52.3008


 229.0120, 1.9661,
22.7915


 133.5810, -4.2304,
50.3565

 247.9560, 3.4727,
6.1776

 107.3850, -3.6408,
47.8974

 81.6020, -2.7618,
45.9530

 56.2320, -1.5934,
44.5235

 29.0410, 1.4588,
45.5680

 17.6560, -4.7604,

33.6277

■ 8.1870, -3.5432,
16.4990

■ 0.0000, 0.0000,
0.0000

■ 187.9620, -5.4043,
53.5303

■ 187.9620, -5.4043,
53.5303

■ 171.0070, -6.9055,
68.3999

■ 204.9170, -3.9031,
38.6608

■ 154.0520, -8.4066,
83.2694

■ 221.8720, -2.4019,
23.7913

■ 137.0970, -9.9078,
98.1389

■ 238.8270, -0.9007,
8.9217

■ 120.1420,
-11.4090, 113.0085

■ 253.2060, 0.8844,
-3.6887

■ 103.1870,
-12.9102, 127.8780

■ 86.8190, -14.7008,
142.2327

■ 80.1510, -14.8644,
148.0806

Harmonies

Analogous

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



189.2880, 10.2110, 38.3354



187.9620, -5.4043, 53.5303



186.3520, -20.3865, 52.3113

Triad

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



187.9620, -5.4043, 53.5303



177.2500, -22.8012, -13.3742



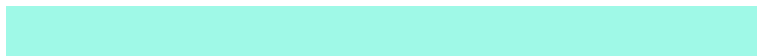
172.2950, 35.8436, -63.4027

Complementary

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



187.9620, -5.4043, 53.5303



220.0380, 5.4043, -53.5303

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.



163.2570, 29.9463, -85.2944



187.9620, -5.4043, 53.5303



172.1890, -6.9952, -43.1388

Square

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



187.9620, -5.4043, 53.5303



181.5480, -31.3292, 15.3054



165.2790, 13.1735, -72.1587



182.5430, 33.2563, -26.7862

Rectangle

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



187.9620, -5.4043, 53.5303



185.0600, -27.6376, 44.6744



165.2790, 13.1735, -72.1587



168.0010, 35.0025, -73.6689

Sweetspot

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



187.9620, -5.4043, 53.5303



236.0560, -1.5066, 16.6139



190.7880, 28.6985, 35.2659



116.4250, -1.1955, 10.1513



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.



187.9620, -5.4043, 53.5303



180.3980, -6.6052, 65.4260



201.7590, -21.0802, 41.4304



116.2290, -0.6059, 7.6922



60.8430, -11.2616, 112.3937



19.6070, -3.7503, 36.3017

Inverse Universe

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



187.9620, -5.4043, 53.5303



180.3980, -6.6052, 65.4260



206.2410, 21.0802, -41.4304



116.2290, -0.6059, 7.6922



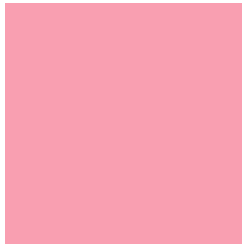
60.8430, -11.2616, 112.3937



19.6070, -3.7503, 36.3017

Previews

White Background



This preview shows how the YUV color 187.9620, -5.4043, 53.5303 looks on a white background.

Color Contrast Check

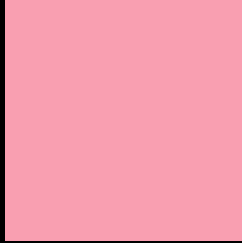
Large Text (above 18pt) WCAG AA × Fail

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 187.9620, -5.4043, 53.5303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

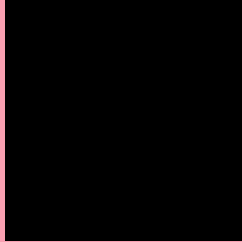
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.9620, -5.4043, 53.5303

Background



This preview shows how black text looks on a background with the YUV color 187.9620, -5.4043, 53.5303.



This preview shows how white text looks on a background with the YUV color 187.9620, -5.4043,

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

187.9620, -5.4043, 53.5303

Protanopia

185.3960, 2.7628, 0.5297

Deuteranopia

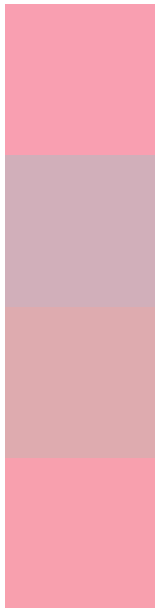
186.2150, -6.0220, 18.2284



Tritanopia

187.6800, -7.7302, 52.9006

Trichromacy



Original Color

187.9620, -5.4043, 53.5303

Protanomaly

186.4200, -0.2071, 19.8027

Deuteranomaly

186.7050, -5.7706, 30.9537

Tritanomaly

187.9080, -6.8566, 52.7007

Monochromacy



Original Color

187.9620, -5.4043, 53.5303

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.6650, -1.8068, 19.5878

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.9620, -5.4043, 53.5303 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, 159, 177)` looks like.

```
.text, #text, p{  
    color:rgb(249, 159, 177)  
}
```

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, 159, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 159, 177) }
```

Border

The CSS property to change the border of an element to YUV 187.9620, -5.4043, 53.5303 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, 159, 177) }
```


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

```
.border{ border-color:rgb(249, 159, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 159, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 159, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 159, 177);  
box-shadow:4px 4px 4px 4px rgb(249, 159,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 187.9620, -5.4043, 53.5303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 159, 177) }
```

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

```
.background{ background-color: rgb(249,  
159, 177) }
```

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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