

Converting Colors

YUV(190.3090, -1.6313,
56.7340)

Have a look what the booklet for
YUV(190.3090, -1.6313, 56.7340)
contains.

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Color

**YUV(190.3090, -1.6313,
56.7340)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9EBB
RGB	255, 158, 187
RGB Percent	100%, 62%, 73%
CMY	0.0000, 0.3804, 0.2667
CMYK	0.00, 0.38, 0.27, 0.00
HSL	342°, 100%, 81%
HSV	342°, 38%, 100%
XYZ	62.4365, 49.3016, 53.2391
YIQ	190.3090, 48.5030, 29.5830

Conversions

Conversions Part 2

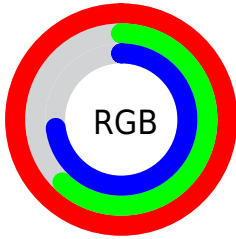
Format	Color
R_{YB}	255, 158, 187
Decimal	16752315
CIE _{Lab}	75.64, 39.65, 0.43
CIE _{LCh}	76, 39.656, 0.628
Yxy	49.3016, 0.3785, 0.2988
Android (android.graphics.Color)	4294942395 (0xFFFF9EBB)
YUV	190.3090, -1.6313, 56.7340
Hunter-Lab	70.2151, 35.8490, 4.1952

Details

The YUV color **190.3090, -1.6313, 56.7340** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **222.6910, 1.6313, -56.7340**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.5650, 6.6235, 22.3065**, and **135.5150, -0.7469, 53.0453** is the 20% darker color. If you saturate the color by 10%, you get **172.9950, -1.9695, 71.9184**, and if you desaturate by 10%, it is **207.6230, -1.2931, 41.5496**.

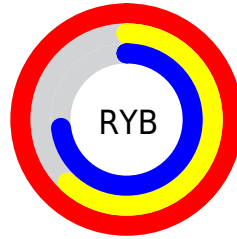
Distribution



Red (100%)

Green (62%)

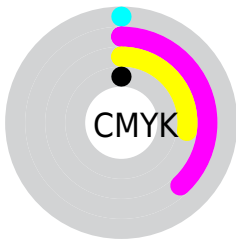
Blue (73%)



Red (100%)

Yellow (62%)

Blue (73%)

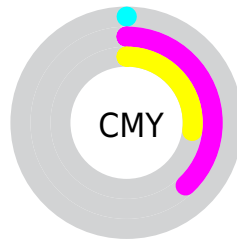


Cyan (0%)

Magenta (38%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 190.3090, -1.6313, 56.7340 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 190.3090, -1.6313, 56.7340 by changing the saturation by 10% instead.


 190.3090, -1.6313,
56.7340

 190.3090, -1.6313,
56.7340


255.0000, 0.0000,
0.0000

 162.4120, -1.1891,
54.8897

 229.5650, 6.6235,
22.3065


 135.5150, -0.7469,
53.0453

 247.9560, 3.4727,
6.1776

 109.0310, -0.0153,
51.7158

 83.1340, 0.4269,
49.8715

 56.8780, 2.0321,
48.3420

 30.2740, 4.7949,
48.8717

 20.1060, -0.5453,

34.9870

■ 10.5790, -4.7224,
21.4172

■ 0.0000, 0.0000,
0.0000

■ 190.3090, -1.6313,
56.7340

■ 190.3090, -1.6313,
56.7340

■ 172.9950, -1.9695,
71.9184

■ 207.6230, -1.2931,
41.5496

■ 156.2680, -2.5971,
86.5880

■ 224.3500, -0.6655,
26.8801

■ 139.5410, -3.2247,
101.2575

■ 241.6640, -0.3274,
11.6957

■ 122.2270, -3.5629,
116.4419

■ 255.0000, 0.0000,
0.0000

■ 105.6140, -3.7537,
131.0115

■ 88.3000, -4.0919,
146.1959

■ 84.9090, -4.3921,
149.1698

Harmonies

Analogous

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



191.3570, 15.6000, 36.5209



190.3090, -1.6313, 56.7340



187.9660, -18.2242, 58.7888

Triad

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



190.3090, -1.6313, 56.7340



179.8010, -28.4959, -6.8415



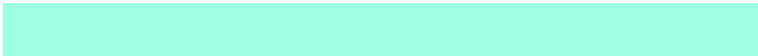
167.0150, 40.4186, -84.2052

Complementary

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



190.3090, -1.6313, 56.7340



222.6910, 1.6313, -56.7340

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.



155.8090, 32.6322, -106.8265



190.3090, -1.6313, 56.7340



174.4190, -12.5316, -40.7095

Square

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



190.3090, -1.6313, 56.7340



183.6800, -34.8452, 23.0826



165.7470, 9.9847, -76.0771



180.9650, 36.4993, -40.3113

Rectangle

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



190.3090, -1.6313, 56.7340



187.4030, -27.8067, 52.2666



165.7470, 9.9847, -76.0771



161.4110, 39.7304, -96.8304

Sweetspot

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



190.3090, -1.6313, 56.7340



236.2840, -0.6330, 16.4139



189.3900, 32.3457, 32.1070



116.6530, -0.3219, 9.9513



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.



190.3090, -1.6313, 56.7340



176.9730, -1.9587, 68.4297



198.1560, -19.7969, 49.8522



119.3430, -0.1691, 7.5922



63.6070, -3.2573, 111.7237



21.3020, -1.1349, 37.4461

Inverse Universe

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



190.3090, -1.6313, 56.7340



176.9730, -1.9587, 68.4297



214.8440, 19.7969, -49.8522



119.3430, -0.1691, 7.5922



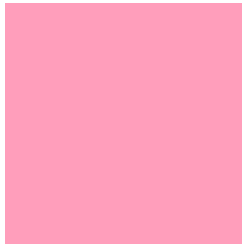
63.6070, -3.2573, 111.7237



21.3020, -1.1349, 37.4461

Previews

White Background



This preview shows how the YUV color 190.3090, -1.6313, 56.7340 looks on a white background.

Color Contrast Check

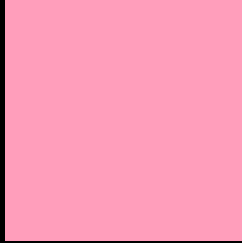
Large Text (above 18pt) WCAG AA × Fail

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 190.3090, -1.6313, 56.7340 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 190.3090, -1.6313, 56.7340

Background



This preview shows how black text looks on a background with the YUV color 190.3090, -1.6313, 56.7340.



This preview shows how white text looks on a background with the YUV color 190.3090, -1.6313,

56.7340.

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

190.3090, -1.6313, 56.7340

Protanopia

187.6390, 7.5730, -2.3144

Deuteranopia

188.7030, -2.8116, 15.1695



Tritanopia

189.5880, -8.1779, 56.4893

Trichromacy



Original Color

190.3090, -1.6313, 56.7340

Protanomaly

188.5600, 4.1609, 18.8029

Deuteranomaly

189.5030, -2.7130, 30.2539

Tritanomaly

189.5710, -5.7045, 56.5042

Monochromacy



Original Color

190.3090, -1.6313, 56.7340

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.0180, -0.5019, 21.0322

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.3090, -1.6313, 56.7340 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, 158, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 187)  
}
```

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, 158, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 187) }
```

Border

The CSS property to change the border of an element to YUV 190.3090, -1.6313, 56.7340 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, 158, 187) }
```


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

```
.border{ border-color:rgb(255, 158, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 158, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 190.3090, -1.6313, 56.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 187) }
```

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

```
.background{ background-color: rgb(255,  
158, 187) }
```

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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