

Converting Colors

YUV(183.3560, 3.7685, 51.4308)

Have a look what the booklet for
YUV(183.3560, 3.7685, 51.4308)
contains.

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Color

**YUV(183.3560, 3.7685,
51.4308)**

Conversions

Conversions Part 1

Format	Color
Hex	F298BF
RGB	242, 152, 191
RGB Percent	95%, 60%, 75%
CMY	0.0510, 0.4039, 0.2510
CMYK	0.00, 0.37, 0.21, 0.05
HSL	334°, 78%, 77%
HSV	334°, 37%, 95%
XYZ	57.2502, 45.0953, 54.9771
YIQ	183.3560, 41.1210, 31.2090

Conversions

Conversions Part 2

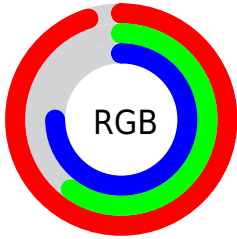
Format	Color
R_{YB}	242, 152, 191
Decimal	15898815
CIE _{Lab}	72.95, 38.84, -5.89
CIE _{LCh}	73, 39.282, 351.378
Yxy	45.0953, 0.3639, 0.2866
Android (android.graphics.Color)	4294088895 (0xFFFF298BF)
YUV	183.3560, 3.7685, 51.4308
Hunter-Lab	67.1530, 34.6593, -1.5326

Details

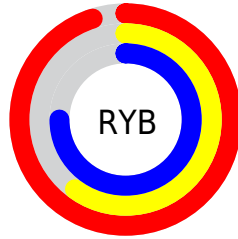
The YUV color **183.3560, 3.7685, 51.4308** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **210.6440, -3.7685, -51.4308**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.9120, 10.3964, 25.5102**, and **128.8610, 4.5055, 48.3569** is the 20% darker color. If you saturate the color by 10%, you get **167.6720, 4.5987, 65.1857**, and if you desaturate by 10%, it is **199.0400, 2.9383, 37.6759**.

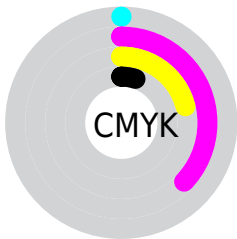
Distribution



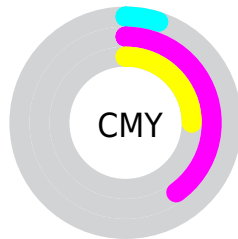
- Red (95%)
- Green (60%)
- Blue (75%)



- Red (95%)
- Yellow (60%)
- Blue (75%)



- Cyan (0%)
- Magenta (37%)
- Yellow (21%)
- Black (5%)



- Cyan (5%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 183.3560, 3.7685, 51.4308 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 183.3560, 3.7685, 51.4308 by changing the saturation by 10% instead.

 183.3560, 3.7685,
51.4308

 183.3560, 3.7685,
51.4308

255.0000, 0.0000,
0.0000


 155.7580, 4.0633,
50.2012


 225.9120, 10.3964,
25.5102


 128.8610, 4.5055,
48.3569

 243.8470, 5.4984,
9.7812

 102.8500, 4.5110,
46.6126

 77.3660, 5.2426,
45.2830

 50.8220, 6.9898,
44.8831

 27.6260, 7.5794,
42.4240

 18.0560, 1.9444,

29.7689

■ 5.6810, -2.8007,
11.6808

■ 0.0000, 0.0000,
0.0000

■ 183.3560, 3.7685,
51.4308

■ 183.3560, 3.7685,
51.4308

■ 167.6720, 4.5987,
65.1857

■ 199.0400, 2.9383,
37.6759

■ 152.1020, 5.8657,
78.8405

■ 214.6100, 1.6713,
24.0210

■ 135.8310, 6.9853,
93.1102

■ 230.8810, 0.5517,
9.7514

■ 120.1470, 7.8155,
106.8651

■ 246.5650, -0.2785,
-4.0035

■ 104.4630, 8.6457,
120.6199

■ 251.1130, 1.9163,
-7.9921

■ 88.8930, 9.9128,
134.2748

■ 84.3280, 10.1913,
138.2783

Harmonies

Analogous

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



184.0290, 19.7057, 26.2846



183.3560, 3.7685, 51.4308



181.3450, -12.9881, 59.3334

Triad

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



183.3560, 3.7685, 51.4308



174.1720, -31.1438, 2.4802



153.1120, 39.8778, -97.4452

Complementary

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



183.3560, 3.7685, 51.4308



210.6440, -3.7685, -51.4308

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.



149.3490, 26.9429, -102.0381



183.3560, 3.7685, 51.4308



168.8180, -17.6583, -29.6584

Square

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



183.3560, 3.7685, 51.4308



177.2510, -34.1407, 30.4749



161.5760, 2.6740, -64.5262



169.9740, 39.4528, -54.3512

Rectangle

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



183.3560, 3.7685, 51.4308



180.2770, -23.3076, 55.8851



161.5760, 2.6740, -64.5262



147.2800, 38.3160, -109.8706

Sweetspot

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



183.3560, 3.7685, 51.4308



236.7400, 1.1142, 16.0140



177.5090, 31.7941, 22.3556



116.8810, 0.5517, 9.7514



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.



183.3560, 3.7685, 51.4308



180.0850, 4.8881, 65.7005



182.4320, -15.0030, 52.2411



112.1580, 0.4151, 6.8774



64.1360, 7.8210, 105.1207



19.4800, 2.2284, 32.0280

Inverse Universe

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



183.3560, 3.7685, 51.4308



180.0850, 4.8881, 65.7005



211.5680, 15.0030, -52.2411



112.1580, 0.4151, 6.8774



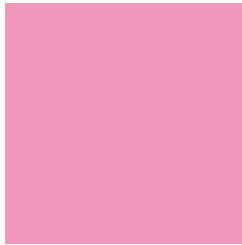
64.1360, 7.8210, 105.1207



19.4800, 2.2284, 32.0280

Previews

White Background



This preview shows how the YUV color 183.3560, 3.7685, 51.4308 looks on a white background.

Color Contrast Check

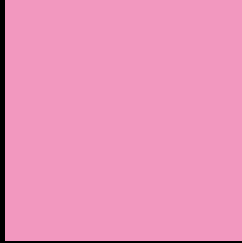
Large Text (above 18pt) WCAG AA × Fail

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 183.3560, 3.7685, 51.4308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

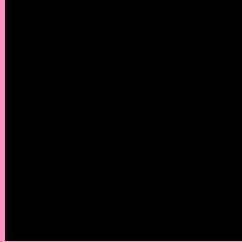
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 183.3560, 3.7685, 51.4308

Background



This preview shows how black text looks on a background with the YUV color 183.3560, 3.7685, 51.4308.



This preview shows how white text looks on a background with the YUV color 183.3560, 3.7685,

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

183.3560, 3.7685, 51.4308

Protanopia

180.1100, 13.2568, -5.3585

Deuteranopia

181.1630, 2.8776, 10.3810



Tritanopia

182.4840, -7.1406, 50.4415

Trichromacy



Original Color

183.3560, 3.7685, 51.4308



Protanomaly

181.6180, 9.5553, 15.2440



Deuteranomaly

181.9630, 2.9762, 25.4654



Tritanomaly

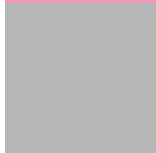
183.1080, -3.5042, 50.7713

Monochromacy



Original Color

183.3560, 3.7685, 51.4308



Achromatopsia

183.0000, 0.0000, 0.0000



Achromatomaly

183.1640, 1.3981, 18.2732

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.3560, 3.7685, 51.4308 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(242, 152, 191)` looks like.

```
.text, #text, p{  
    color:rgb(242, 152, 191)  
}
```

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(242, 152, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 152, 191) }
```

Border

The CSS property to change the border of an element to YUV 183.3560, 3.7685, 51.4308 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(242, 152, 191) }
```


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

```
.border{ border-color:rgb(242, 152, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 152, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 152, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 152, 191);  
box-shadow:4px 4px 4px 4px rgb(242, 152,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 183.3560, 3.7685, 51.4308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 152, 191) }
```

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

```
.background{ background-color: rgb(242,  
152, 191) }
```

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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