

Converting Colors

YUV(187.4170, 18.0354,
48.7463)

Have a look what the booklet for
YUV(187.4170, 18.0354, 48.7463)
contains.

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Color

**YUV(187.4170, 18.0354,
48.7463)**

Conversions

Conversions Part 1

Format	Color
Hex	F398E0
RGB	243, 152, 224
RGB Percent	95%, 60%, 88%
CMY	0.0471, 0.4039, 0.1216
CMYK	0.00, 0.37, 0.08, 0.05
HSL	313°, 79%, 77%
HSV	313°, 37%, 95%
XYZ	61.6449, 46.8930, 76.3232
YIQ	187.4170, 31.1240, 41.6840

Conversions

Conversions Part 2

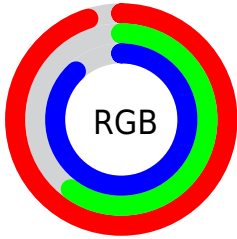
Format	Color
R_{YB}	243, 152, 224
Decimal	15964384
CIE _{Lab}	74.12, 44.35, -22.28
CIE _{LCh}	74, 49.631, 333.325
Yxy	46.8930, 0.3335, 0.2537
Android (android.graphics.Color)	4294154464 (0xFFFF398E0)
YUV	187.4170, 18.0354, 48.7463
Hunter-Lab	68.4784, 40.8501, -18.1472

Details

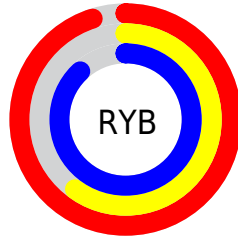
The YUV color **187.4170, 18.0354, 48.7463** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **207.5830, -18.0354, -48.7463**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.4110, 13.6014, 24.1956**, and **132.6940, 17.8989, 45.8724** is the 20% darker color. If you saturate the color by 10%, you get **172.7590, 22.7968, 61.6014**, and if you desaturate by 10%, it is **202.0750, 13.2740, 35.8912**.

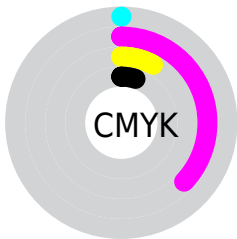
Distribution



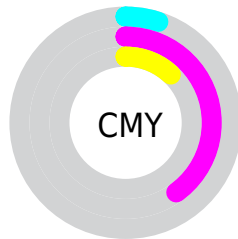
- Red (95%)
- Green (60%)
- Blue (88%)



- Red (95%)
- Yellow (60%)
- Blue (88%)



- Cyan (0%)
- Magenta (37%)
- Yellow (8%)
- Black (5%)





- Cyan (5%)
- Magenta (40%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.4170, 18.0354, 48.7463 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 187.4170, 18.0354, 48.7463 by changing the saturation by 10% instead.

 187.4170, 18.0354,
48.7463

 187.4170, 18.0354,
48.7463


255.0000, 0.0000,
0.0000


 159.7050, 17.8934,
47.6167


 227.4110, 13.6014,
24.1956


 132.6940, 17.8989,
45.8724

 243.8470, 5.4984,
9.7812

 105.9820, 17.7569,
44.7428

 79.6830, 17.9043,
44.1280

 52.7370, 19.3567,
44.9577

 31.0740, 18.2045,
41.1541

 20.9770, 11.8433,

28.0842

■ 10.8090, 6.5032,
14.1995

■ 0.0000, 0.0000,
0.0000

■ 187.4170, 18.0354,
48.7463

■ 187.4170, 18.0354,
48.7463

■ 172.7590, 22.7968,
61.6014

■ 202.0750, 13.2740,
35.8912

■ 157.5140, 27.8476,
74.9712

■ 217.3200, 8.2232,
22.5214

■ 142.8560, 32.6090,
87.8263

■ 231.9780, 3.4618,
9.6663

■ 128.1980, 37.3704,
100.6814

■ 246.6360, -1.2995,
-3.1888

■ 113.5400, 42.1318,
113.5364

■ 250.7280, -0.8519,
-6.7775

■ 98.2950, 47.1826,
126.9063

■ 251.2980, 1.3321,
-7.2773

■ 94.5450, 48.0453,
130.1950

■ 251.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



185.3930, 34.3163, 6.6713



187.4170, 18.0354, 48.7463



181.1790, -1.0742, 64.7410

Triad

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



187.4170, 18.0354, 48.7463



177.6880, -43.7232, 23.9526



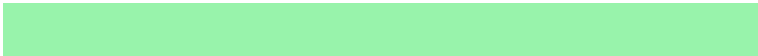
146.0820, 41.8646, -128.1139

Complementary

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



187.4170, 18.0354, 48.7463



207.5830, -18.0354, -48.7463

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.



142.1260, 21.6299, -124.6445



187.4170, 18.0354, 48.7463



172.8620, -34.4420, -13.0340

Square

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



187.4170, 18.0354, 48.7463



181.0260, -39.4528, 54.3512



163.8360, -11.7511, -57.7382



145.2960, 54.0841, -127.4246

Rectangle

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



187.4170, 18.0354, 48.7463



179.5200, -15.0464, 66.1960



163.8360, -11.7511, -57.7382



145.0730, 35.4600, -127.2290

Sweetspot

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



187.4170, 18.0354, 48.7463



237.8800, 5.4822, 15.0142



167.7560, 37.0953, 1.9680



117.5650, 3.1725, 9.1515



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.



187.4170, 18.0354, 48.7463



184.7590, 22.7968, 61.6014



182.2870, -1.6205, 53.2453



114.7280, 2.5991, 6.3775



72.3720, 36.7916, 99.6518



22.8850, 11.3957, 31.6729

Inverse Universe

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



187.4170, 18.0354, 48.7463



184.7590, 22.7968, 61.6014



212.7130, 1.6205, -53.2453



114.7280, 2.5991, 6.3775



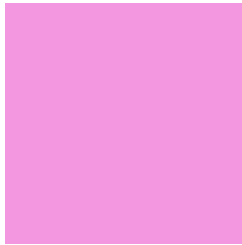
72.3720, 36.7916, 99.6518



22.8850, 11.3957, 31.6729

Previews

White Background



This preview shows how the YUV color 187.4170, 18.0354, 48.7463 looks on a white background.

Color Contrast Check

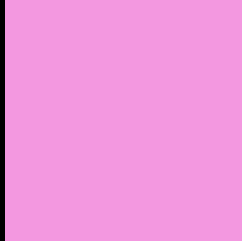
Large Text (above 18pt) WCAG AA × Fail

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 187.4170, 18.0354, 48.7463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

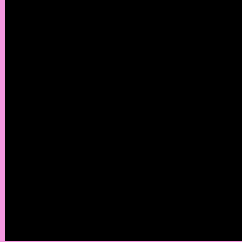
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.4170, 18.0354, 48.7463

Background



This preview shows how black text looks on a background with the YUV color 187.4170, 18.0354, 48.7463.



This preview shows how white text looks on a background with the YUV color 187.4170, 18.0354,

48.7463.

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

187.4170, 18.0354, 48.7463

Protanopia

182.8110, 30.1662, -15.6202

Deuteranopia

184.4570, 17.0297, -2.1548



Tritanopia

185.7930, -5.8139, 44.9085

Trichromacy



Original Color

187.4170, 18.0354, 48.7463



Protanomaly

184.5150, 25.8751, 7.4413



Deuteranomaly

185.3930, 17.5543, 16.3183



Tritanomaly

186.0950, 2.9112, 46.3977

Monochromacy



Original Color

187.4170, 18.0354, 48.7463



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

186.8310, 6.4923, 17.6882

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.4170, 18.0354, 48.7463 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(243, 152, 224)` looks like.

```
.text, #text, p{  
    color:rgb(243, 152, 224)  
}
```

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(243, 152, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 152, 224) }
```

Border

The CSS property to change the border of an element to YUV 187.4170, 18.0354, 48.7463 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(243, 152, 224) }
```


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

```
.border{ border-color:rgb(243, 152, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 152, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 152, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 152, 224);  
box-shadow:4px 4px 4px 4px rgb(243, 152,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 187.4170, 18.0354, 48.7463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 152, 224) }
```

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

```
.background{ background-color: rgb(243,  
152, 224) }
```

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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