

Converting Colors

YUV(187.5650, 13.5255,
48.6165)

Have a look what the booklet for
YUV(187.5650, 13.5255, 48.6165)
contains.

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Color

**YUV(187.5650, 13.5255,
48.6165)**

Conversions

Conversions Part 1

Format	Color
Hex	F39AD7
RGB	243, 154, 215
RGB Percent	95%, 60%, 84%
CMY	0.0471, 0.3961, 0.1569
CMYK	0.00, 0.37, 0.12, 0.05
HSL	319°, 79%, 78%
HSV	319°, 37%, 95%
XYZ	60.7835, 47.0722, 70.1722
YIQ	187.5650, 33.4630, 37.8390

Conversions

Conversions Part 2

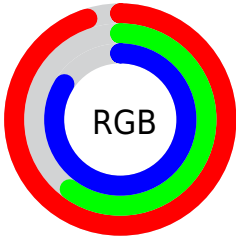
Format	Color
R_{YB}	243, 154, 215
Decimal	15964887
CIE _{Lab}	74.24, 41.83, -17.18
CIE _{LCh}	74, 45.218, 337.675
Yxy	47.0722, 0.3414, 0.2644
Android (android.graphics.Color)	4294154967 (0xFFFF39AD7)
YUV	187.5650, 13.5255, 48.6165
Hunter-Lab	68.6092, 38.0739, -12.6143

Details

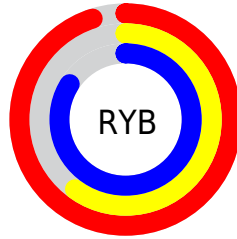
The YUV color **187.5650, 13.5255, 48.6165** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **209.4350, -13.5255, -48.6165**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.5850, 13.0226, 23.1660**, and **132.8420, 13.3889, 45.7426** is the 20% darker color. If you saturate the color by 10%, you get **172.5650, 16.9765, 61.7715**, and if you desaturate by 10%, it is **202.5650, 10.0745, 35.4615**.

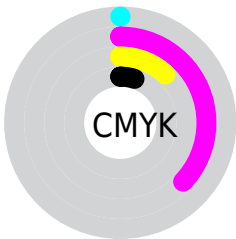
Distribution



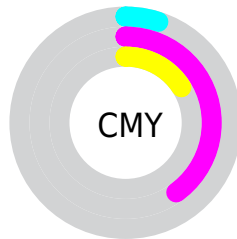
- Red (95%)
- Green (60%)
- Blue (84%)



- Red (95%)
- Yellow (60%)
- Blue (84%)



- Cyan (0%)
- Magenta (37%)
- Yellow (12%)
- Black (5%)





- Cyan (5%)
- Magenta (40%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 187.5650, 13.5255, 48.6165 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 187.5650, 13.5255, 48.6165 by changing the saturation by 10% instead.

 187.5650, 13.5255,
48.6165


 187.5650, 13.5255,
48.6165


255.0000, 0.0000,
0.0000


 159.8530, 13.3835,
47.4869


 228.5850, 13.0226,
23.1660


 132.8420, 13.3889,
45.7426

 245.0210, 4.9196,
8.7516

 106.5430, 13.5363,
45.1278

 80.6460, 13.9785,
43.2835

 54.1730, 14.7047,
43.6983

 30.2760, 15.1469,
41.8539

 20.2930, 9.2226,

28.6840

■ 10.0110, 3.4456,
14.8994

■ 0.0000, 0.0000,
0.0000

■ 187.5650, 13.5255,
48.6165

■ 187.5650, 13.5255,
48.6165

■ 172.5650, 16.9765,
61.7715

■ 202.5650, 10.0745,
35.4615

■ 157.0920, 21.1536,
75.3413

■ 218.0380, 5.8973,
21.8917

■ 142.0920, 24.6046,
88.4963

■ 233.0380, 2.4463,
8.7367

■ 127.0920, 28.0556,
101.6513

■ 248.0380, -1.0047,
-4.4183

■ 112.2060, 31.9434,
114.7063

■ 251.1840, 0.8953,
-7.1774

■ 96.6190, 35.6838,
128.3761

■ 251.4120, 1.7689,
-7.3773

■ 91.6950, 37.1254,
132.6945

Harmonies

Analogous

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



186.9870, 30.0794, 12.2894



187.5650, 13.5255, 48.6165



183.4300, -5.1420, 62.7669

Triad

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



187.5650, 13.5255, 48.6165



178.3820, -39.6283, 17.2050



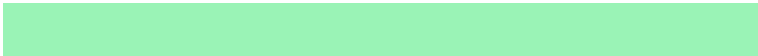
145.0220, 42.8802, -127.1843

Complementary

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



187.5650, 13.5255, 48.6165



209.4350, -13.5255, -48.6165

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.



141.6360, 24.8295, -124.2148



187.5650, 13.5255, 48.6165



173.6210, -28.9002, -17.2076

Square

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



187.5650, 13.5255, 48.6165



181.5520, -37.2471, 46.8739



165.5740, -7.6780, -57.5084



155.1960, 49.2034, -101.9039

Rectangle

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



187.5650, 13.5255, 48.6165



182.1130, -17.8037, 63.9219



165.5740, -7.6780, -57.5084



144.8280, 37.0598, -127.0142

Sweetspot

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



187.5650, 13.5255, 48.6165



237.5380, 4.1718, 15.3142



172.2190, 34.8950, 7.7009



117.3370, 2.2989, 9.3515



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.



187.5650, 13.5255, 48.6165



185.2660, 17.1239, 61.1567



182.6630, -5.2569, 52.9155



114.6140, 2.1623, 6.4775



70.2060, 28.4924, 101.5513



22.2010, 8.7749, 32.2727

Inverse Universe

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



187.5650, 13.5255, 48.6165



185.2660, 17.1239, 61.1567



214.3370, 5.2569, -52.9155



114.6140, 2.1623, 6.4775



70.2060, 28.4924, 101.5513



22.2010, 8.7749, 32.2727

Previews

White Background



This preview shows how the YUV color 187.5650, 13.5255, 48.6165 looks on a white background.

Color Contrast Check

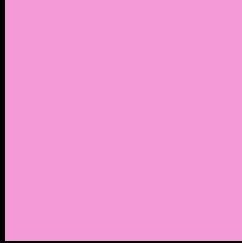
Large Text (above 18pt) WCAG AA × Fail

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 187.5650, 13.5255, 48.6165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

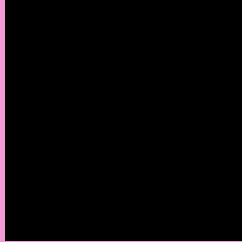
Any Text WCAG AA ✓ Pass

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 187.5650, 13.5255, 48.6165 Background



This preview shows how black text looks on a background with the YUV color 187.5650, 13.5255, 48.6165.



This preview shows how white text looks on a background with the YUV color 187.5650, 13.5255,

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

187.5650, 13.5255, 48.6165

Protanopia

183.7530, 24.7718, -12.0614

Deuteranopia

184.7520, 12.9403, 2.8485



Tritanopia

186.0920, -5.9614, 45.5233

Trichromacy



Original Color

187.5650, 13.5255, 48.6165



Protanomaly

185.1580, 20.6281, 10.3854



Deuteranomaly

185.5630, 13.0334, 19.6772



Tritanomaly

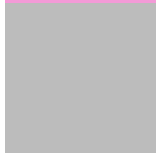
186.6390, 1.1640, 46.7976

Monochromacy



Original Color

187.5650, 13.5255, 48.6165



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.0760, 4.8925, 17.4733

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.5650, 13.5255, 48.6165 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, 154, 215)` looks like.

```
.text, #text, p{  
    color:rgb(243, 154, 215)  
}
```

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, 154, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 154, 215) }
```

Border

The CSS property to change the border of an element to YUV 187.5650, 13.5255, 48.6165 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, 154, 215) }
```


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

```
.border{ border-color:rgb(243, 154, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 154, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 154, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 154, 215);  
box-shadow:4px 4px 4px 4px rgb(243, 154,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 187.5650, 13.5255, 48.6165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 154, 215) }
```

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

```
.background{ background-color: rgb(243,  
154, 215) }
```

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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