

Converting Colors

YUV(187.0180, 6.4001, 47.3422)

Have a look what the booklet for
YUV(187.0180, 6.4001, 47.3422)
contains.

YUV(187.0180, 6.4001, 47.3422)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(187.0180, 6.4001,
47.3422)**

Conversions

Conversions Part 1

Format	Color
Hex	F19DC8
RGB	241, 157, 200
RGB Percent	95%, 62%, 78%
CMY	0.0549, 0.3843, 0.2157
CMYK	0.00, 0.35, 0.17, 0.05
HSL	329°, 75%, 78%
HSV	329°, 35%, 95%
XYZ	58.7579, 46.9848, 60.6157
YIQ	187.0180, 36.2610, 31.1810

Conversions

Conversions Part 2

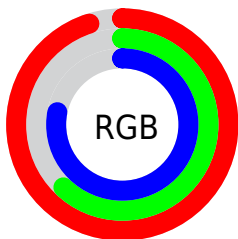
Format	Color
R _Y B	241, 157, 200
Decimal	15834568
CIE Lab	74.18, 37.23, -9.04
CIE LCh	74, 38.313, 346.345
Yxy	46.9848, 0.3532, 0.2824
Android (android.graphics.Color)	4294024648 (0xFFFF19DC8)
YUV	187.0180, 6.4001, 47.3422
Hunter-Lab	68.5455, 33.0575, -4.4491

Details

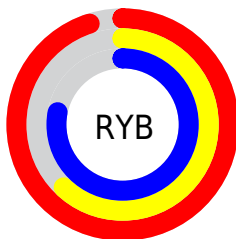
The YUV color **187.0180, 6.4001, 47.3422** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **210.9820, -6.4001, -47.3422**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.3460, 12.1544, 21.6216**, and **132.7080, 6.5530, 44.9831** is the 20% darker color. If you saturate the color by 10%, you get **171.5620, 8.1039, 60.8971**, and if you desaturate by 10%, it is **202.4740, 4.6963, 33.7873**.

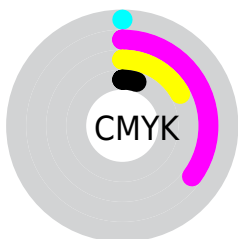
Distribution



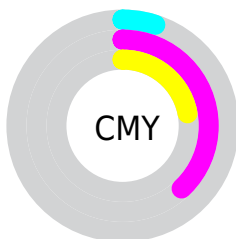
- Red (95%)
- Green (62%)
- Blue (78%)



- Red (95%)
- Yellow (62%)
- Blue (78%)



- Cyan (0%)
- Magenta (35%)
- Yellow (17%)
- Black (5%)





- Cyan (5%)
- Magenta (38%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 187.0180, 6.4001, 47.3422 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 187.0180, 6.4001, 47.3422 by changing the saturation by 10% instead.


 187.0180, 6.4001,
47.3422


 187.0180, 6.4001,
47.3422

255.0000, 0.0000,
0.0000


 159.4200, 6.6949,
46.1127

 230.3460, 12.1544,
21.6216


 132.7080, 6.5530,
44.9831

 246.7820, 4.0515,
7.2072

 106.6970, 6.5584,
43.2387

 81.2130, 7.2900,
41.9092

 55.7290, 8.0216,
40.5797

 28.3100, 10.2002,
41.8241

 18.8540, 5.0020,

29.0690

■ 7.5890, -3.2484,
15.2694

■ 0.0000, 0.0000,
0.0000

■ 187.0180, 6.4001,
47.3422

■ 187.0180, 6.4001,
47.3422

■ 171.5620, 8.1039,
60.8971

■ 202.4740, 4.6963,
33.7873

■ 156.1060, 9.8077,
74.4520

■ 217.9300, 2.9925,
20.2324

■ 140.7640, 11.9483,
87.9070

■ 233.2720, 0.8519,
6.7775

■ 125.3080, 13.6522,
101.4619

■ 248.7280, -0.8519,
-6.7775

■ 109.8520, 15.3560,
115.0168

■ 250.8140, 2.0637,
-8.6069

■ 93.8090, 17.3492,
129.0865

■ 86.0810, 18.2011,
135.8640

Harmonies

Analogous

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



186.8650, 21.7586, 21.1664



187.0180, 6.4001, 47.3422



185.6160, -10.6567, 58.2188

Triad

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



187.0180, 6.4001, 47.3422



178.0910, -31.5969, 7.8132



157.6240, 36.6674, -94.3862

Complementary

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



187.0180, 6.4001, 47.3422



210.9820, -6.4001, -47.3422

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.



157.6450, 21.3740, -89.1427



187.0180, 6.4001, 47.3422



173.5800, -20.0059, -23.3107

Square

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



187.0180, 6.4001, 47.3422



181.5010, -33.2780, 33.7636



167.0070, -0.9895, -56.1341



172.0120, 38.4481, -58.7695

Rectangle

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



187.0180, 6.4001, 47.3422



184.2600, -20.8342, 55.9000



167.0070, -0.9895, -56.1341



155.3800, 33.3367, -99.4343

Sweetspot

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



187.0180, 6.4001, 47.3422



238.9570, 1.9932, 14.0697



178.8350, 30.6473, 16.8077



117.6960, 1.1359, 9.0366



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.



187.0180, 6.4001, 47.3422



186.2630, 8.2513, 60.2823



182.2300, -11.9454, 51.5413



112.2720, 0.8519, 6.7775



65.7320, 13.9361, 103.7210



20.0500, 4.4123, 31.5282

Inverse Universe

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



187.0180, 6.4001, 47.3422



186.2630, 8.2513, 60.2823



215.7700, 11.9454, -51.5413



112.2720, 0.8519, 6.7775



65.7320, 13.9361, 103.7210



20.0500, 4.4123, 31.5282

Previews

White Background



This preview shows how the YUV color 187.0180, 6.4001, 47.3422 looks on a white background.

Color Contrast Check

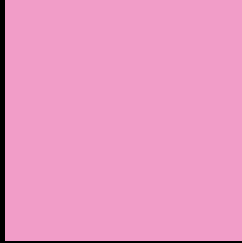
Large Text (above 18pt) WCAG AA × Fail

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 187.0180, 6.4001, 47.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

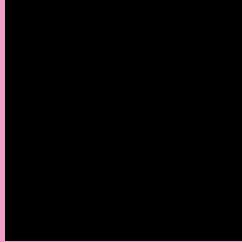
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.0180, 6.4001, 47.3422

Background



This preview shows how black text looks on a background with the YUV color 187.0180, 6.4001, 47.3422.



This preview shows how white text looks on a background with the YUV color 187.0180, 6.4001,

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

187.0180, 6.4001, 47.3422

Protanopia

183.4950, 16.0250, -6.5731

Deuteranopia

184.8360, 5.5039, 8.0368



Tritanopia

186.0920, -5.9614, 45.5233

Trichromacy



Original Color

187.0180, 6.4001, 47.3422



Protanomaly

184.7040, 12.4709, 13.4146



Deuteranomaly

185.3370, 5.7499, 22.5065



Tritanomaly

186.2430, -1.5988, 46.2679

Monochromacy



Original Color

187.0180, 6.4001, 47.3422



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

187.0930, 2.4192, 17.4584

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.0180, 6.4001, 47.3422 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(241, 157, 200)` looks like.

```
.text, #text, p{  
    color:rgb(241, 157, 200)  
}
```

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(241, 157, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 157, 200) }
```

Border

The CSS property to change the border of an element to YUV 187.0180, 6.4001, 47.3422 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(241, 157, 200) }
```


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

```
.border{ border-color:rgb(241, 157, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 157, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 157, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 157, 200);  
box-shadow:4px 4px 4px 4px rgb(241, 157,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 187.0180, 6.4001, 47.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 157, 200) }
```

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

```
.background{ background-color: rgb(241,  
157, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor