

Converting Colors

YUV(186.0440, 30.5443,
49.9504)

Have a look what the booklet for
YUV(186.0440, 30.5443, 49.9504)
contains.

YUV(186.0440, 30.5443, 49.9504)	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(186.0440, 30.5443,
49.9504)**

Conversions

Conversions Part 1

Format	Color
Hex	F391F8
RGB	243, 145, 248
RGB Percent	95%, 57%, 97%
CMY	0.0471, 0.4314, 0.0275
CMYK	0.02, 0.42, 0.00, 0.03
HSL	297°, 88%, 77%
HSV	297°, 42%, 97%
XYZ	64.0308, 46.0828, 94.3270
YIQ	186.0440, 25.3450, 52.8090

Conversions

Conversions Part 2

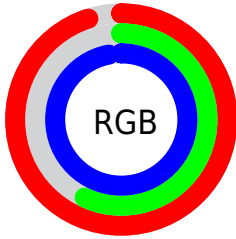
Format	Color
R _Y B	243, 145, 248
Decimal	15962616
CIE Lab	73.60, 52.11, -36.18
CIE LCh	74, 63.438, 325.231
Yxy	46.0828, 0.3132, 0.2254
Android (android.graphics.Color)	4294152696 (0xFF391F8)
YUV	186.0440, 30.5443, 49.9504
Hunter-Lab	67.8843, 49.5698, -34.8660

Details

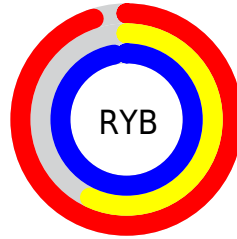
The YUV color **186.0440, 30.5443, 49.9504** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **206.9560, -30.5443, -49.9504**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3020, 15.6271, 27.7991**, and **130.5060, 29.8235, 47.7912** is the 20% darker color. If you saturate the color by 10%, you get **171.0700, 37.9265, 62.2056**, and if you desaturate by 10%, it is **201.0180, 23.1621, 37.6952**.

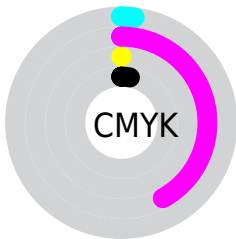
Distribution



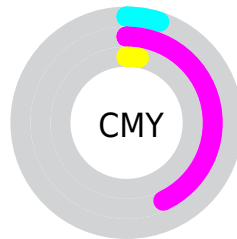
- Red (95%)
- Green (57%)
- Blue (97%)



- Red (95%)
- Yellow (57%)
- Blue (97%)



- Cyan (2%)
- Magenta (42%)
- Yellow (0%)
- Black (3%)





- Cyan (5%)
- Magenta (43%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YUV color 186.0440, 30.5443, 49.9504 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 186.0440, 30.5443, 49.9504 by changing the saturation by 10% instead.


 186.0440, 30.5443,
49.9504

 186.0440, 30.5443,
49.9504

255.0000, 0.0000,
0.0000


 158.2180, 29.9655,
48.9208


 223.3020, 15.6271,
27.7991


 130.5060, 29.8235,
47.7912

 240.3250, 7.2348,
12.8700

 103.7940, 29.6816,
46.6617

 75.9080, 30.1184,
46.5617

 43.2660, 33.8859,
51.5097

 32.6420, 26.7985,
38.0250

 22.4310, 20.0005,

25.0550

■ 12.0350, 13.7867,
11.3703

■ 2.6390, 7.5730,
-2.3144

■ 186.0440, 30.5443,
49.9504

■ 186.0440, 30.5443,
49.9504

■ 171.0700, 37.9265,
62.2056

■ 201.0180, 23.1621,
37.6952

■ 156.0960, 45.3087,
74.4608

■ 215.9920, 15.7799,
25.4400

■ 141.4100, 52.5489,
85.5864

■ 230.6780, 8.5397,
14.3144

■ 126.4360, 59.9311,
97.8416

■ 245.6520, 1.1576,
2.0592

■ 111.4620, 67.3132,
110.0968

■ 252.4080, -2.1731,
-2.9888

■ 98.8360, 73.5379,
120.2928

■ 252.7070, -2.3206,
-2.3740

■ 253.0060, -2.4680,
-1.7593

■ 253.6040, -2.7628,
-0.5297

■ 253.9030, -2.9102,
0.0851

Harmonies

Analogous

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



178.2060, 37.8594, -9.8277



186.0440, 30.5443, 49.9504



173.9700, 9.3818, 71.0633

Triad

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



186.0440, 30.5443, 49.9504



175.0030, -58.1755, 39.4624



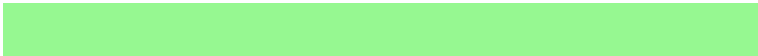
148.7890, 39.5440, -130.4880

Complementary

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



186.0440, 30.5443, 49.9504



206.9560, -30.5443, -49.9504

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.



141.9490, 13.3361, -124.4893



186.0440, 30.5443, 49.9504



169.4920, -50.0356, -4.8165

Square

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



186.0440, 30.5443, 49.9504



175.2730, -44.0116, 69.9206



158.1270, -23.2336, -61.5014



148.2310, 52.6371, -129.9986

Rectangle

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



186.0440, 30.5443, 49.9504



169.4100, -8.0901, 75.0624



158.1270, -23.2336, -61.5014



146.6230, 31.2449, -128.5884

Sweetspot

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



186.0440, 30.5443, 49.9504



236.5040, 9.1185, 15.3440



159.6770, 43.5432, -12.8717



117.1350, 5.3564, 8.6516



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.



186.0440, 30.5443, 49.9504



178.6570, 37.6371, 61.6908



182.2950, 9.7146, 57.6233



117.0700, 3.9095, 6.0776



75.3660, 56.0216, 91.7640



24.2960, 18.0951, 29.5584

Inverse Universe

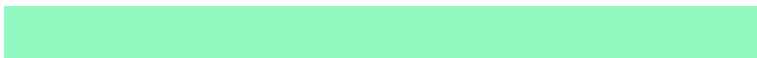
The Inverse Universe completely reimagines the original color for something new.



176.3670, -12.9989, 62.8221



166.6570, -16.0999, 77.4768



210.7050, -9.7146, -57.6233



116.0010, -1.4795, 7.8921



57.5370, -23.9287, 115.2931



18.5810, -7.6814, 37.2015

Previews

White Background



This preview shows how the YUV color 186.0440, 30.5443, 49.9504 looks on a white background.

Color Contrast Check

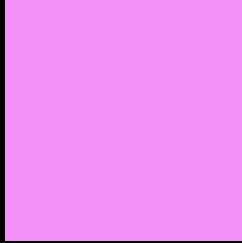
Large Text (above 18pt) WCAG AA × Fail

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 186.0440, 30.5443, 49.9504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

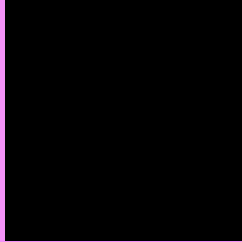
Any Text WCAG AA ✓ Pass

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 186.0440, 30.5443, 49.9504 Background



This preview shows how black text looks on a background with the YUV color 186.0440, 30.5443, 49.9504.



This preview shows how white text looks on a background with the YUV color 186.0440, 30.5443,

49.9504.

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

186.0440, 30.5443, 49.9504

Protanopia

181.0860, 36.4396, -21.1234

Deuteranopia

181.4090, 29.8714, -14.3907



Tritanopia

184.0100, -4.9349, 42.9642

Trichromacy



Original Color

186.0440, 30.5443, 49.9504



Protanomaly

182.9690, 34.0323, 4.4122



Deuteranomaly

182.9650, 30.0903, 8.8007



Tritanomaly

184.7620, 8.0053, 45.8127

Monochromacy



Original Color

186.0440, 30.5443, 49.9504



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

186.0960, 11.2917, 18.3328

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.0440, 30.5443, 49.9504 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, 145, 248)` looks like.

```
.text, #text, p{  
    color:rgb(243, 145, 248)  
}
```

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, 145, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 145, 248) }
```

Border

The CSS property to change the border of an element to YUV 186.0440, 30.5443, 49.9504 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, 145, 248) }
```


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

```
.border{ border-color:rgb(243, 145, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 145, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 145, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 145, 248);  
box-shadow:4px 4px 4px 4px rgb(243, 145,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 186.0440, 30.5443, 49.9504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 145, 248) }
```

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

```
.background{ background-color: rgb(243,  
145, 248) }
```

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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