

Converting Colors

YUV(183.9040, 26.1763,
50.9502)

Have a look what the booklet for
YUV(183.9040, 26.1763, 50.9502)
contains.

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Color

**YUV(183.9040, 26.1763,
50.9502)**

Conversions

Conversions Part 1

Format	Color
Hex	F290ED
RGB	242, 144, 237
RGB Percent	95%, 56%, 93%
CMY	0.0510, 0.4353, 0.0706
CMYK	0.00, 0.40, 0.02, 0.05
HSL	303°, 79%, 76%
HSV	303°, 40%, 95%
XYZ	61.8773, 44.9382, 85.5334
YIQ	183.9040, 28.5550, 49.6990

Conversions

Conversions Part 2

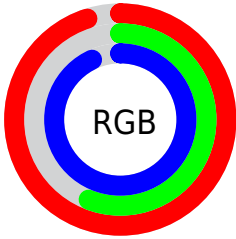
Format	Color
R _Y B	242, 144, 237
Decimal	15896813
CIE Lab	72.85, 50.37, -31.35
CIE LCh	73, 59.325, 328.102
Yxy	44.9382, 0.3217, 0.2336
Android (android.graphics.Color)	4294086893 (0xFFFF290ED)
YUV	183.9040, 26.1763, 50.9502
Hunter-Lab	67.0360, 47.4508, -28.7249

Details

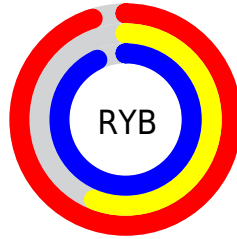
The YUV color **183.9040, 26.1763, 50.9502** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **202.0960, -26.1763, -50.9502**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7150, 15.9165, 28.3139**, and **128.4800, 25.8924, 48.6910** is the 20% darker color. If you saturate the color by 10%, you get **169.7020, 32.6849, 63.4053**, and if you desaturate by 10%, it is **198.1060, 19.6677, 38.4950**.

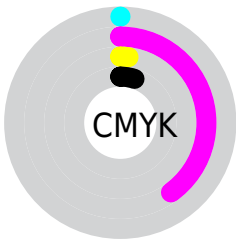
Distribution



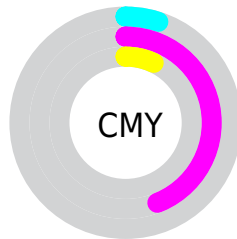
- Red (95%)
- Green (56%)
- Blue (93%)



- Red (95%)
- Yellow (56%)
- Blue (93%)



- Cyan (0%)
- Magenta (40%)
- Yellow (2%)
- Black (5%)




- Cyan (5%)
- Magenta (44%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 183.9040, 26.1763, 50.9502 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 183.9040, 26.1763, 50.9502 by changing the saturation by 10% instead.


 183.9040, 26.1763,
50.9502

 183.9040, 26.1763,
50.9502


255.0000, 0.0000,
0.0000


 156.1920, 26.0343,
49.8206


 222.7150, 15.9165,
28.3139


 128.4800, 25.8924,
48.6910

 239.7380, 7.5242,
13.3848

 101.7680, 25.7504,
47.5615

 74.2950, 26.4766,
47.9763

 42.1260, 29.5179,
52.5095

 31.6160, 22.8673,
38.9248

 21.5190, 16.5061,

25.8548

■ 10.6390, 11.0240,
10.8406

■ 0.4560, 1.7472,
-0.3999

■ 183.9040, 26.1763,
50.9502

■ 183.9040, 26.1763,
50.9502

■ 169.7020, 32.6849,
63.4053

■ 198.1060, 19.6677,
38.4950

■ 155.5000, 39.1935,
75.8605

■ 212.3080, 13.1592,
26.0399

■ 140.5970, 45.5547,
88.9304

■ 227.2110, 6.7980,
12.9700

■ 126.3950, 52.0633,
101.3856

■ 241.4130, 0.2894,
0.5148

■ 112.1930, 58.5719,
113.8407

■ 249.7450, -3.3253,
-6.7924

■ 98.5780, 64.7910,
125.7811

■ 249.8590, -2.8885,
-6.8923

■ 250.0870, -2.0149,
-7.0923

■ 250.2010, -1.5781,
-7.1923

■ 250.3150, -1.1413,
-7.2923

Harmonies

Analogous

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



178.8370, 37.5484, -3.3650



183.9040, 26.1763, 50.9502



174.2320, 5.3086, 70.8335

Triad

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



183.9040, 26.1763, 50.9502



173.4090, -53.9386, 33.8443



146.3270, 40.2648, -128.3288

Complementary

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



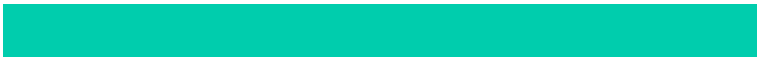
183.9040, 26.1763, 50.9502



202.0960, -26.1763, -50.9502

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.



140.0570, 16.2409, -122.8300



183.9040, 26.1763, 50.9502



168.1370, -44.9305, -8.8901

Square

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



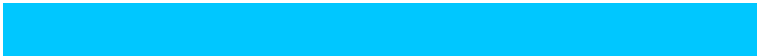
183.9040, 26.1763, 50.9502



176.2620, -44.0062, 68.1762



157.2670, -18.8656, -62.5012



145.8830, 53.7947, -127.9394

Rectangle

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



183.9040, 26.1763, 50.9502



170.6010, -11.1423, 74.0179



157.2670, -18.8656, -62.5012



144.9760, 32.5498, -127.1440

Sweetspot

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



183.9040, 26.1763, 50.9502



236.5750, 8.0975, 16.1587



156.6670, 42.0692, -6.7240



117.3200, 4.7722, 9.3664



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.



183.9040, 26.1763, 50.9502



180.9410, 33.5531, 64.9497



178.3180, 4.7732, 55.8491



112.8420, 3.0359, 6.2776



74.8520, 48.8800, 95.7228



22.7860, 14.8955, 29.1287

Inverse Universe

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



183.9040, 26.1763, 50.9502



180.9410, 33.5531, 64.9497



207.6820, -4.7732, -55.8491



112.8420, 3.0359, 6.2776



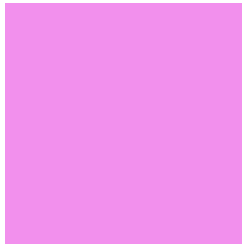
74.8520, 48.8800, 95.7228



22.7860, 14.8955, 29.1287

Previews

White Background



This preview shows how the YUV color 183.9040, 26.1763, 50.9502 looks on a white background.

Color Contrast Check

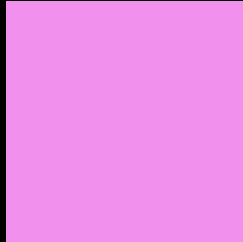
Large Text (above 18pt) WCAG AA × Fail

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 183.9040, 26.1763, 50.9502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

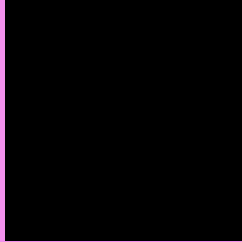
Any Text WCAG AA ✓ Pass

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 183.9040, 26.1763, 50.9502 Background



This preview shows how black text looks on a background with the YUV color 183.9040, 26.1763, 50.9502.



This preview shows how white text looks on a background with the YUV color 183.9040, 26.1763, 50.9502.

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

183.9040, 26.1763, 50.9502

Protanopia

179.0150, 37.4606, -21.9382

Deuteranopia

180.1770, 25.0557, -9.8022



Tritanopia

182.0920, -5.9614, 45.5233

Trichromacy



Original Color

183.9040, 26.1763, 50.9502



Protanomaly

180.7410, 33.1587, 4.6121



Deuteranomaly

181.4340, 25.4220, 12.7744



Tritanomaly

182.7900, 5.5265, 47.5422

Monochromacy



Original Color

183.9040, 26.1763, 50.9502



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

183.6400, 9.5445, 18.7327

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.9040, 26.1763, 50.9502 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, 144, 237)` looks like.

```
.text, #text, p{  
    color:rgb(242, 144, 237)  
}
```

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, 144, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 144, 237) }
```

Border

The CSS property to change the border of an element to YUV 183.9040, 26.1763, 50.9502 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, 144, 237) }
```


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

```
.border{ border-color:rgb(242, 144, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 144, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 144, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 144, 237);  
box-shadow:4px 4px 4px 4px rgb(242, 144,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 183.9040, 26.1763, 50.9502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 144, 237) }
```

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

```
.background{ background-color: rgb(242,  
144, 237) }
```

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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