

Converting Colors

YUV(181.9150, 26.1709,
52.6945)

Have a look what the booklet for
YUV(181.9150, 26.1709, 52.6945)
contains.

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Color

**YUV(181.9150, 26.1709,
52.6945)**

Conversions

Conversions Part 1

Format	Color
Hex	F28DEB
RGB	242, 141, 235
RGB Percent	95%, 55%, 92%
CMY	0.0510, 0.4471, 0.0784
CMYK	0.00, 0.42, 0.03, 0.05
HSL	304°, 80%, 75%
HSV	304°, 42%, 95%
XYZ	61.1382, 43.9252, 83.8533
YIQ	181.9150, 30.0220, 50.6460

Conversions

Conversions Part 2

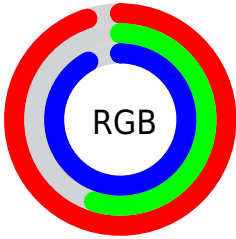
Format	Color
R _Y B	242, 141, 235
Decimal	15896043
CIE Lab	72.18, 51.53, -31.29
CIE LCh	72, 60.290, 328.734
Yxy	43.9252, 0.3236, 0.2325
Android (android.graphics.Color)	4294086123 (0xFFFF28DEB)
YUV	181.9150, 26.1709, 52.6945
Hunter-Lab	66.2761, 48.6793, -28.6212

Details

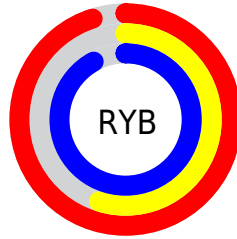
The YUV color **181.9150, 26.1709, 52.6945** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **201.0850, -26.1709, -52.6945**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9540, 16.7847, 29.8583**, and **126.4910, 25.8869, 50.4354** is the 20% darker color. If you saturate the color by 10%, you get **167.5990, 32.2427, 65.2497**, and if you desaturate by 10%, it is **196.2310, 20.0991, 40.1394**.

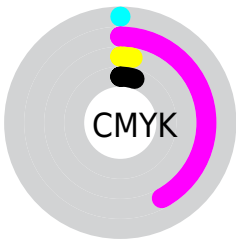
Distribution



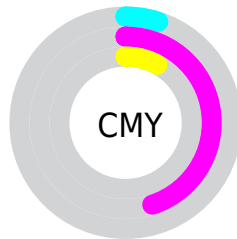
- Red (95%)
- Green (55%)
- Blue (92%)



- Red (95%)
- Yellow (55%)
- Blue (92%)



- Cyan (0%)
- Magenta (42%)
- Yellow (3%)
- Black (5%)





- Cyan (5%)
- Magenta (45%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 181.9150, 26.1709, 52.6945 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 181.9150, 26.1709, 52.6945 by changing the saturation by 10% instead.


 181.9150, 26.1709,
52.6945

 181.9150, 26.1709,
52.6945


255.0000, 0.0000,
0.0000


 154.2030, 26.0289,
51.5650


 220.9540, 16.7847,
29.8583


 126.4910, 25.8869,
50.4354

 237.3900, 8.6817,
15.4440

 99.7790, 25.7450,
49.3058

 71.4200, 26.9079,
49.6207

 41.8980, 28.6443,
52.7095

 31.0890, 22.1411,
38.5099

 21.2910, 15.6325,

26.0548

■ 9.8130, 10.4452,
9.8110

■ 0.1140, 0.4368,
-0.1000

■ 181.9150, 26.1709,
52.6945

■ 181.9150, 26.1709,
52.6945

■ 167.5990, 32.2427,
65.2497

■ 196.2310, 20.0991,
40.1394

■ 153.3970, 38.7513,
77.7048

■ 210.4330, 13.5905,
27.6843

■ 138.4940, 45.1125,
90.7748

■ 225.3360, 7.2294,
14.6143

■ 124.1780, 51.1842,
103.3299

■ 239.6520, 1.1576,
2.0592

109.9760, 57.6928,
115.7850

249.7450, -3.3253,
-6.7924

98.0080, 62.6071,
126.2810

249.9730, -2.4517,
-6.9923

250.2010, -1.5781,
-7.1923

250.3150, -1.1413,
-7.2923

250.5430, -0.2677,
-7.4922

Harmonies

Analogous

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



177.0760, 38.4165, -1.8207



181.9150, 26.1709, 52.6945



172.1290, 4.8664, 72.6779

Triad

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



181.9150, 26.1709, 52.6945



170.8820, -54.6648, 33.4295



145.1530, 40.8436, -127.2992

Complementary

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



181.9150, 26.1709, 52.6945



201.0850, -26.1709, -52.6945

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.



139.4700, 16.5303, -122.3152



181.9150, 26.1709, 52.6945



165.4250, -45.0725, -10.0197

Square

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



181.9150, 26.1709, 52.6945



174.6210, -45.1692, 67.8614



153.7720, -18.1286, -65.5750



144.7090, 54.3735, -126.9098

Rectangle

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



181.9150, 26.1709, 52.6945



169.0850, -11.8739, 75.3475



153.7720, -18.1286, -65.5750



143.8020, 33.1286, -126.1144

Sweetspot

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



181.9150, 26.1709, 52.6945



235.4010, 8.6763, 17.1883



154.6070, 43.0847, -5.7943



115.4450, 5.2036, 11.0107



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.



181.9150, 26.1709, 52.6945



179.4250, 32.8215, 66.2793



176.2150, 4.3310, 57.6934



112.8420, 3.0359, 6.2776



74.5100, 47.5696, 96.0227



22.6720, 14.4587, 29.2287

Inverse Universe

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



181.9150, 26.1709, 52.6945



179.4250, 32.8215, 66.2793



206.7850, -4.3310, -57.6934



112.8420, 3.0359, 6.2776



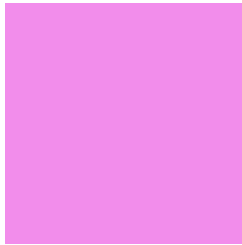
74.5100, 47.5696, 96.0227



22.6720, 14.4587, 29.2287

Previews

White Background



This preview shows how the YUV color 181.9150, 26.1709, 52.6945 looks on a white background.

Color Contrast Check

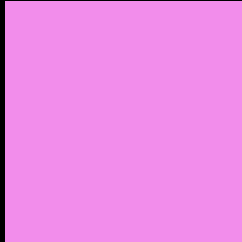
Large Text (above 18pt) WCAG AA × Fail

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 181.9150, 26.1709, 52.6945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

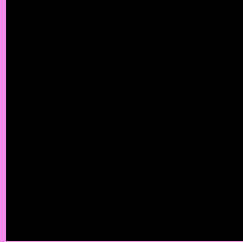
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 181.9150, 26.1709, 52.6945

Background



This preview shows how black text looks on a background with the YUV color 181.9150, 26.1709, 52.6945.



This preview shows how white text looks on a background with the YUV color 181.9150, 26.1709, 52.6945.

52.6945.

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

181.9150, 26.1709, 52.6945

Protanopia

176.9440, 38.4816, -22.7529

Deuteranopia

178.1770, 25.0557, -9.8022



Tritanopia

180.5760, -6.6930, 46.8528

Trichromacy



Original Color

181.9150, 26.1709, 52.6945



Protanomaly

178.9690, 34.0323, 4.4122



Deuteranomaly

179.4340, 25.4220, 12.7744



Tritanomaly

181.3880, 5.2317, 48.7717

Monochromacy



Original Color

181.9150, 26.1709, 52.6945



Achromatopsia

182.0000, 0.0000, 0.0000



Achromatomaly

181.9390, 9.3971, 19.3475

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.9150, 26.1709, 52.6945 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, 141, 235)` looks like.

```
.text, #text, p{  
    color:rgb(242, 141, 235)  
}
```

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, 141, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 141, 235) }
```

Border

The CSS property to change the border of an element to YUV 181.9150, 26.1709, 52.6945 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, 141, 235) }
```


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

```
.border{ border-color:rgb(242, 141, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 141, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 141, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 141, 235);  
box-shadow:4px 4px 4px 4px rgb(242, 141,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 181.9150, 26.1709, 52.6945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 141, 235) }
```

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

```
.background{ background-color: rgb(242,  
141, 235) }
```

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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