

Converting Colors

YUV(174.8340, 25.7178,
58.0276)

Have a look what the booklet for
YUV(174.8340, 25.7178, 58.0276)
contains.

YUV(174.8340, 25.7178, 58.0276)	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(174.8340, 25.7178,
58.0276)**

Conversions

Conversions Part 1

Format	Color
Hex	F183E3
RGB	241, 131, 227
RGB Percent	95%, 51%, 89%
CMY	0.0549, 0.4863, 0.1098
CMYK	0.00, 0.46, 0.06, 0.05
HSL	308°, 80%, 73%
HSV	308°, 46%, 95%
XYZ	58.2571, 40.4794, 77.4159
YIQ	174.8340, 34.7440, 53.1760

Conversions

Conversions Part 2

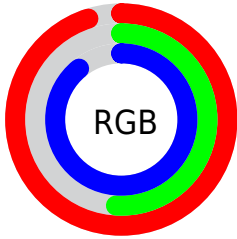
Format	Color
R_{YB}	241, 131, 227
Decimal	15827939
CIE _{Lab}	69.81, 54.85, -30.56
CIE _{LCh}	70, 62.792, 330.879
Yxy	40.4794, 0.3307, 0.2298
Android (android.graphics.Color)	4294018019 (0xFFFF183E3)
YUV	174.8340, 25.7178, 58.0276
Hunter-Lab	63.6234, 52.1032, -27.6066

Details

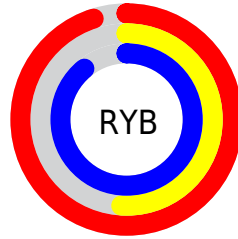
The YUV color **174.8340, 25.7178, 58.0276** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **197.1660, -25.7178, -58.0276**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.0840, 19.6786, 35.0063**, and **119.4100, 25.4339, 55.7684** is the 20% darker color. If you saturate the color by 10%, you get **160.4040, 31.3528, 70.6827**, and if you desaturate by 10%, it is **189.2640, 20.0828, 45.3725**.

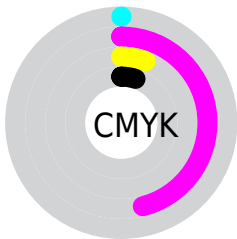
Distribution



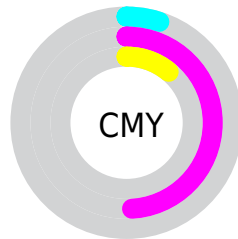
- Red (95%)
- Green (51%)
- Blue (89%)



- Red (95%)
- Yellow (51%)
- Blue (89%)



- Cyan (0%)
- Magenta (46%)
- Yellow (6%)
- Black (5%)



- Cyan (5%)
- Magenta (49%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.8340, 25.7178, 58.0276 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 174.8340, 25.7178, 58.0276 by changing the saturation by 10% instead.

174.8340, 25.7178,
58.0276

174.8340, 25.7178,
58.0276

255.0000, 0.0000,
0.0000

147.1220, 25.5759,
56.8980

215.0840, 19.6786,
35.0063

119.4100, 25.4339,
55.7684

231.5200, 11.5756,
20.5920

91.6380, 26.3075,
55.5685

249.1300, 2.8939,
5.1480

60.3440, 28.9174,
58.4573

40.6160, 26.3183,
52.0798

29.8070, 19.8151,
37.8803

20.6070, 13.0117,

26.6547

■ 6.7370, 9.0037,
5.4927

■ 0.0000, 0.0000,
0.0000

■ 174.8340, 25.7178,
58.0276

■ 174.8340, 25.7178,
58.0276

■ 160.4040, 31.3528,
70.6827

■ 189.2640, 20.0828,
45.3725

■ 145.9740, 36.9878,
83.3378

■ 203.6940, 14.4479,
32.7174

■ 131.5440, 42.6228,
95.9929

■ 218.1240, 8.8129,
20.0623

■ 117.1140, 48.2578,
108.6480

■ 232.5540, 3.1779,
7.4071

■ 102.0970, 54.1822,
121.8179

■ 246.9840, -2.4571,
-5.2480

■ 95.9990, 56.2025,
127.1659

■ 249.6740, -2.3043,
-7.6071

■ 250.0160, -0.9939,
-7.9070

■ 250.4720, 0.7533,
-8.3069

■ 250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



172.0810, 40.8791, 1.6830



174.8340, 25.7178, 58.0276



165.0050, 2.9555, 78.9256

Triad

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



174.8340, 25.7178, 58.0276



163.3610, -57.8590, 31.2554



141.6310, 42.5799, -124.2104

Complementary

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



174.8340, 25.7178, 58.0276



197.1660, -25.7178, -58.0276

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.



135.7200, 17.3930, -119.0264



174.8340, 25.7178, 58.0276



157.8760, -45.7879, -13.9233

Square

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



174.8340, 25.7178, 58.0276



167.2250, -47.9319, 67.3317



143.0910, -15.3279, -77.2558



141.1870, 56.1098, -123.8210

Rectangle

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



174.8340, 25.7178, 58.0276



162.4340, -14.5110, 81.1804



143.0910, -15.3279, -77.2558



140.1660, 34.4282, -122.9256

Sweetspot

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



174.8340, 25.7178, 58.0276



233.2980, 8.2341, 19.0327



147.4270, 46.1315, -3.0055



114.7440, 5.0562, 11.6255



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.



174.8340, 25.7178, 58.0276



170.7680, 32.6524, 73.8715



168.6780, 2.1307, 63.4264



112.7280, 2.5991, 6.3775



73.2560, 42.7648, 97.1225



22.3300, 13.1483, 29.5286

Inverse Universe

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



174.8340, 25.7178, 58.0276



170.7680, 32.6524, 73.8715



203.3220, -2.1307, -63.4264



112.7280, 2.5991, 6.3775



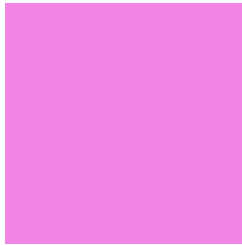
73.2560, 42.7648, 97.1225



22.3300, 13.1483, 29.5286

Previews

White Background



This preview shows how the YUV color 174.8340, 25.7178, 58.0276 looks on a white background.

Color Contrast Check

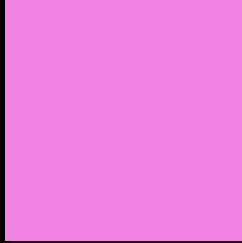
Large Text (above 18pt) WCAG AA × Fail

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 174.8340, 25.7178, 58.0276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

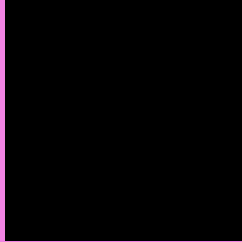
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.8340, 25.7178, 58.0276

Background



This preview shows how black text looks on a background with the YUV color 174.8340, 25.7178, 58.0276.



This preview shows how white text looks on a background with the YUV color 174.8340, 25.7178,

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

174.8340, 25.7178, 58.0276

Protanopia

169.8450, 41.9814, -25.2971

Deuteranopia

171.8350, 23.7453, -9.5023



Tritanopia

173.2670, -8.0196, 52.3858

Trichromacy



Original Color

174.8340, 25.7178, 58.0276



Protanomaly

171.8380, 36.0689, 4.5271



Deuteranomaly

173.2170, 24.5430, 14.7187



Tritanomaly

174.0790, 3.9051, 54.3047

Monochromacy



Original Color

174.8340, 25.7178, 58.0276



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

174.9500, 9.3917, 21.0919

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.8340, 25.7178, 58.0276 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, 131, 227)` looks like.

```
.text, #text, p{  
    color:rgb(241, 131, 227)  
}
```

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, 131, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 131, 227) }
```

Border

The CSS property to change the border of an element to YUV 174.8340, 25.7178, 58.0276 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, 131, 227) }
```


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

```
.border{ border-color:rgb(241, 131, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 131, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 131, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 131, 227);  
box-shadow:4px 4px 4px 4px rgb(241, 131,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 174.8340, 25.7178, 58.0276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 131, 227) }
```

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

```
.background{ background-color: rgb(241,  
131, 227) }
```

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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