

Converting Colors

YUV(174.5830, 26.3346,
46.8467)

Have a look what the booklet for
YUV(174.5830, 26.3346, 46.8467)
contains.

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Color

**YUV(174.5830, 26.3346,
46.8467)**

Conversions

Conversions Part 1

Format	Color
Hex	E489E4
RGB	228, 137, 228
RGB Percent	89%, 54%, 89%
CMY	0.1059, 0.4627, 0.1059
CMYK	0.00, 0.40, 0.00, 0.11
HSL	300°, 63%, 72%
HSV	300°, 40%, 89%
XYZ	54.9442, 39.9867, 78.2211
YIQ	174.5830, 25.0250, 47.5930

Conversions

Conversions Part 2

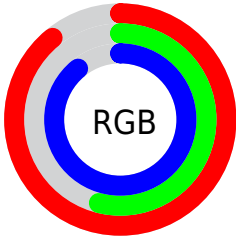
Format	Color
R_{YB}	228, 137, 228
Decimal	14977508
CIE _{Lab}	69.46, 48.15, -31.78
CIE _{LCh}	69, 57.694, 326.578
Yxy	39.9867, 0.3173, 0.2309
Android (android.graphics.Color)	4293167588 (0xFFE489E4)
YUV	174.5830, 26.3346, 46.8467
Hunter-Lab	63.2351, 44.4351, -29.0766

Details

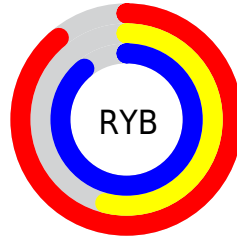
The YUV color **174.5830, 26.3346, 46.8467** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **190.4170, -26.3346, -46.8467**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.0190, 18.2316, 32.4323**, and **120.0450, 25.6138, 44.6875** is the 20% darker color. If you saturate the color by 10%, you get **161.0820, 32.9906, 58.6871**, and if you desaturate by 10%, it is **188.0840, 19.6786, 35.0063**.

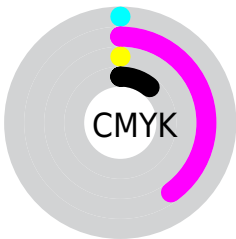
Distribution



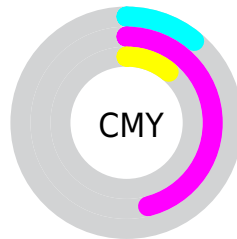
- Red (89%)
- Green (54%)
- Blue (89%)



- Red (89%)
- Yellow (54%)
- Blue (89%)



- Cyan (0%)
- Magenta (40%)
- Yellow (0%)
- Black (11%)





- Cyan (11%)
- Magenta (46%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 174.5830, 26.3346, 46.8467 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 174.5830, 26.3346, 46.8467 by changing the saturation by 10% instead.

 174.5830, 26.3346,
46.8467

 174.5830, 26.3346,
46.8467


255.0000, 0.0000,
0.0000


 146.8710, 26.1926,
45.7171


 218.0190, 18.2316,
32.4323


 120.0450, 25.6138,
44.6875


 235.0420, 9.8393,
17.5032

 93.3330, 25.4718,
43.5580

 252.0650, 1.4470,
2.5740

 65.9740, 26.6348,
43.8728

 37.6260, 27.7924,
45.9320

 27.1160, 21.1418,
32.3473

 18.3290, 14.6278,

21.6365

■ 2.9640, 11.3567,
-2.5994

■ 0.0000, 0.0000,
0.0000

■ 174.5830, 26.3346,
46.8467

■ 174.5830, 26.3346,
46.8467

■ 161.0820, 32.9906,
58.6871

■ 188.0840, 19.6786,
35.0063

■ 147.5810, 39.6466,
70.5275

■ 201.5850, 13.0226,
23.1660

■ 134.6670, 46.0132,
81.8530

■ 214.4990, 6.6560,
11.8404

■ 121.1660, 52.6692,
93.6934

■ 228.0000, 0.0000,
0.0000

■ 107.6650, 59.3252,
105.5338

■ 241.5010, -6.6560,
-11.8404

■ 94.1640, 65.9811,
117.3742

■ 243.8490, -7.8136,
-13.8996

Harmonies

Analogous

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



170.2540, 41.7798, -7.2388



174.5830, 26.3346, 46.8467



169.3250, 4.2768, 75.1370

Triad

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



174.5830, 26.3346, 46.8467



164.5770, -52.0495, 34.5740



138.9750, 37.4803, -121.8811

Complementary

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



174.5830, 26.3346, 46.8467



190.4170, -26.3346, -46.8467

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.



132.9330, 14.3300, -116.5822



174.5830, 26.3346, 46.8467



159.0880, -43.9204, -6.2162

Square

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



174.5830, 26.3346, 46.8467



167.2340, -41.5274, 66.4468



149.0720, -19.7555, -57.0681



140.0130, 56.6886, -122.7914

Rectangle

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



174.5830, 26.3346, 46.8467



165.3350, -11.0112, 78.6362



149.0720, -19.7555, -57.0681



137.0370, 30.0548, -120.1814

Sweetspot

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



174.5830, 26.3346, 46.8467



236.8030, 8.9711, 15.9588



147.3740, 39.7486, -9.0980



117.4340, 5.2090, 9.2664



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.



174.5830, 26.3346, 46.8467



183.3860, 35.3057, 62.8055



169.4530, 6.6787, 51.3457



107.9560, 3.4727, 6.1776



73.9270, 51.8010, 92.1490



21.0630, 14.7589, 26.2547

Inverse Universe

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



174.5830, 26.3346, 46.8467



183.3860, 35.3057, 62.8055



195.6610, -6.2419, -51.4457



107.9560, 3.4727, 6.1776



73.9270, 51.8010, 92.1490



21.0630, 14.7589, 26.2547

Previews

White Background



This preview shows how the YUV color 174.5830, 26.3346, 46.8467 looks on a white background.

Color Contrast Check

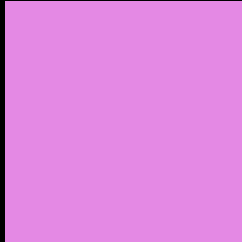
Large Text (above 18pt) WCAG AA × Fail

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 174.5830, 26.3346, 46.8467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

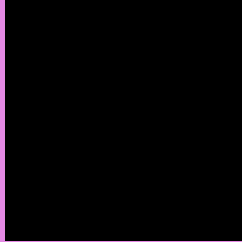
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.5830, 26.3346, 46.8467

Background



This preview shows how black text looks on a background with the YUV color 174.5830, 26.3346, 46.8467.



This preview shows how white text looks on a background with the YUV color 174.5830, 26.3346,

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

174.5830, 26.3346, 46.8467

Protanopia

169.2150, 40.8130, -23.8676

Deuteranopia

170.5790, 25.3506, -11.0318



Tritanopia

172.9990, -4.9295, 41.2199

Trichromacy



Original Color

174.5830, 26.3346, 46.8467



Protanomaly

171.0010, 35.4955, 1.7531



Deuteranomaly

171.8250, 25.7223, 9.8005



Tritanomaly

173.6970, 6.5584, 43.2387

Monochromacy



Original Color

174.5830, 26.3346, 46.8467



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

174.6290, 9.5499, 16.9884

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.5830, 26.3346, 46.8467 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(228, 137, 228)` looks like.

```
.text, #text, p{  
    color:rgb(228, 137, 228)  
}
```

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(228, 137, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 137, 228) }
```

Border

The CSS property to change the border of an element to YUV 174.5830, 26.3346, 46.8467 is called "border". The border property can be set on classes, ids or directly on the HTML element.

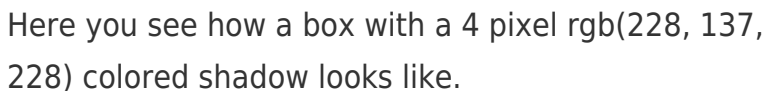
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 137, 228) }
```


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

```
.border{ border-color:rgb(228, 137, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 137, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 137, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 137, 228);  
box-shadow:4px 4px 4px 4px rgb(228, 137,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 174.5830, 26.3346, 46.8467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 137, 228) }
```

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

```
.background{ background-color: rgb(228,  
137, 228) }
```

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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