

Converting Colors

YUV(176.6230, 2.1579, 54.7046)

Have a look what the booklet for
YUV(176.6230, 2.1579, 54.7046)
contains.

YUV(176.6230, 2.1579, 54.7046)	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(176.6230, 2.1579,
54.7046)**

Conversions

Conversions Part 1

Format	Color
Hex	EF90B5
RGB	239, 144, 181
RGB Percent	94%, 56%, 71%
CMY	0.0627, 0.4353, 0.2902
CMYK	0.00, 0.40, 0.24, 0.06
HSL	337°, 75%, 75%
HSV	337°, 40%, 94%
XYZ	53.9104, 41.6334, 48.9107
YIQ	176.6230, 44.7430, 31.6470

Conversions

Conversions Part 2

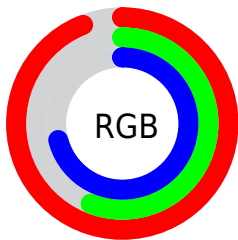
Format	Color
R _Y B	239, 144, 181
Decimal	15700149
CIE Lab	70.62, 40.54, -3.83
CIE LCh	71, 40.716, 354.601
Yxy	41.6334, 0.3732, 0.2882
Android (android.graphics.Color)	4293890229 (0xFFEF90B5)
YUV	176.6230, 2.1579, 54.7046
Hunter-Lab	64.5240, 36.2214, 0.2235

Details

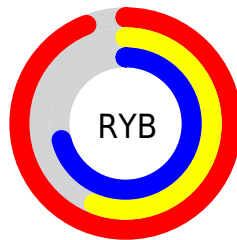
The YUV color **176.6230, 2.1579, 54.7046** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **206.3770, -2.1579, -54.7046**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0760, 8.3435, 30.6283**, and **122.1280, 2.8949, 51.6307** is the 20% darker color. If you saturate the color by 10%, you get **160.8250, 2.5513, 68.5595**, and if you desaturate by 10%, it is **192.4210, 1.7644, 40.8498**.

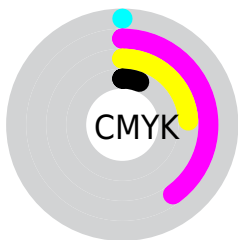
Distribution



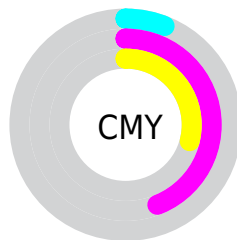
- Red (94%)
- Green (56%)
- Blue (71%)



- Red (94%)
- Yellow (56%)
- Blue (71%)



- Cyan (0%)
- Magenta (40%)
- Yellow (24%)
- Black (6%)



- Cyan (6%)
- Magenta (44%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.6230, 2.1579, 54.7046 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 176.6230, 2.1579, 54.7046 by changing the saturation by 10% instead.


 176.6230, 2.1579,
54.7046


 176.6230, 2.1579,
54.7046


255.0000, 0.0000,
0.0000


 149.0250, 2.4527,
53.4751


 220.0760, 8.3435,
30.6283


 122.1280, 2.8949,
51.6307

 239.1510, 7.8136,
13.8996

 96.2310, 3.3371,
49.7864

 69.8610, 4.5055,
48.3569

 42.4420, 6.6841,
49.6014

 25.5180, 4.6746,
40.7647

 16.4320, -1.6920,

29.4391

■ 0.0000, 0.0000,
0.0000

■ 176.6230, 2.1579,
54.7046

■ 176.6230, 2.1579,
54.7046

■ 160.8250, 2.5513,
68.5595

■ 192.4210, 1.7644,
40.8498

■ 145.1410, 3.3815,
82.3143

■ 208.1050, 0.9342,
27.0949

■ 129.3430, 3.7749,
96.1692

■ 223.9030, 0.5408,
13.2401

■ 113.6590, 4.6051,
109.9241

■ 239.5870, -0.2894,
-0.5148

■ 98.4480, 4.7091,
123.2641

■ 250.1020, 1.9217,
-9.7365

■ 82.6500, 5.1025,
137.1189

■ 250.2160, 2.3585,
-9.8364

■ 82.0630, 5.3919,
137.6337

Harmonies

Analogous

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



177.5350, 18.9632, 31.1028



176.6230, 2.1579, 54.7046



174.4870, -15.0301, 60.9629

Triad

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



176.6230, 2.1579, 54.7046



167.1500, -31.1329, -1.0085



138.5980, 46.0472, -116.2884

Complementary

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



176.6230, 2.1579, 54.7046



206.3770, -2.1579, -54.7046

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.



135.7320, 32.6701, -119.0370



176.6230, 2.1579, 54.7046



161.5400, -16.0422, -34.6766

Square

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



176.6230, 2.1579, 54.7046



170.4850, -35.7351, 28.5157



152.1450, 6.3375, -72.9182



163.6260, 40.6104, -52.2920

Rectangle

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



176.6230, 2.1579, 54.7046



173.4080, -25.3441, 55.7702



152.1450, 6.3375, -72.9182



137.0660, 42.8585, -120.2069

Sweetspot

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



176.6230, 2.1579, 54.7046



234.6370, 0.6720, 17.8584



171.8730, 33.0936, 25.5444



116.1800, 0.4043, 10.3661



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.



176.6230, 2.1579, 54.7046



174.8360, 2.5459, 70.3038



178.2750, -16.8976, 53.2558



112.1580, 0.4151, 6.8774



63.2240, 4.3266, 105.9206



19.2520, 1.3548, 32.2280

Inverse Universe

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



176.6230, 2.1579, 54.7046



174.8360, 2.5459, 70.3038



204.7250, 16.8976, -53.2558



112.1580, 0.4151, 6.8774



63.2240, 4.3266, 105.9206



19.2520, 1.3548, 32.2280

Previews

White Background



This preview shows how the YUV color 176.6230, 2.1579, 54.7046 looks on a white background.

Color Contrast Check

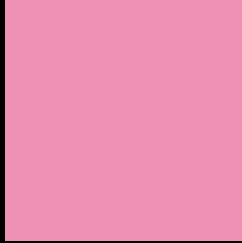
Large Text (above 18pt) WCAG AA × Fail

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 176.6230, 2.1579, 54.7046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

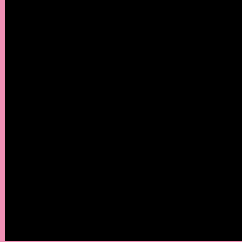
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.6230, 2.1579, 54.7046

Background



This preview shows how black text looks on a background with the YUV color 176.6230, 2.1579, 54.7046.



This preview shows how white text looks on a background with the YUV color 176.6230, 2.1579,

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

176.6230, 2.1579, 54.7046

Protanopia

174.0670, 11.7990, -4.4438

Deuteranopia

175.0060, 0.9830, 11.3957



Tritanopia

175.8650, -8.3144, 53.6154

Trichromacy



Original Color

176.6230, 2.1579, 54.7046



Protanomaly

174.9880, 8.3869, 16.6735



Deuteranomaly

175.5180, 1.2236, 27.6097



Tritanomaly

176.4890, -4.6781, 53.9451

Monochromacy



Original Color

176.6230, 2.1579, 54.7046



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

176.9470, 0.5191, 20.2175

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.6230, 2.1579, 54.7046 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(239, 144, 181)` looks like.

```
.text, #text, p{  
    color:rgb(239, 144, 181)  
}
```

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(239, 144, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 144, 181) }
```

Border

The CSS property to change the border of an element to YUV 176.6230, 2.1579, 54.7046 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(239, 144, 181) }
```


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

```
.border{ border-color:rgb(239, 144, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 144, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 144, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 144, 181);  
box-shadow:4px 4px 4px 4px rgb(239, 144,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 176.6230, 2.1579, 54.7046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 144, 181) }
```

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

```
.background{ background-color: rgb(239,  
144, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor