

Converting Colors

YUV(172.8230, 8.9613, 65.9302)

Have a look what the booklet for
YUV(172.8230, 8.9613, 65.9302)
contains.

YUV(172.8230, 8.9613, 65.9302)	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(172.8230, 8.9613,
65.9302)**

Conversions

Conversions Part 1

Format	Color
Hex	F883BF
RGB	248, 131, 191
RGB Percent	97%, 51%, 75%
CMY	0.0275, 0.4863, 0.2510
CMYK	0.00, 0.47, 0.23, 0.03
HSL	329°, 89%, 74%
HSV	329°, 47%, 97%
XYZ	56.2317, 39.9506, 54.0377
YIQ	172.8230, 50.4720, 43.4640

Conversions

Conversions Part 2

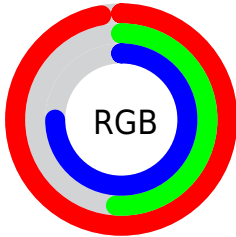
Format	Color
R _Y B	248, 131, 191
Decimal	16286655
CIE Lab	69.43, 51.49, -11.05
CIE LCh	69, 52.664, 347.892
Yxy	39.9506, 0.3743, 0.2659
Android (android.graphics.Color)	4294476735 (0xFFFF883BF)
YUV	172.8230, 8.9613, 65.9302
Hunter-Lab	63.2065, 48.1911, -6.4448

Details

The YUV color **172.8230, 8.9613, 65.9302** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **206.1770, -8.9613, -65.9302**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.1720, 16.1842, 35.8062**, and **117.4420, 10.1351, 62.7564** is the 20% darker color. If you saturate the color by 10%, you get **156.7800, 10.9545, 79.9999**, and if you desaturate by 10%, it is **188.8660, 6.9681, 51.8605**.

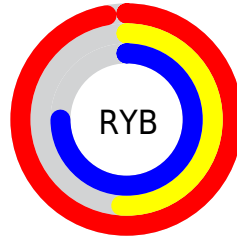
Distribution



Red (97%)

Green (51%)

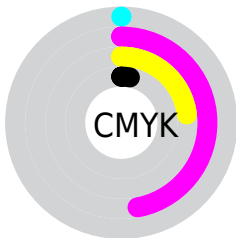
Blue (75%)



Red (97%)

Yellow (51%)

Blue (75%)

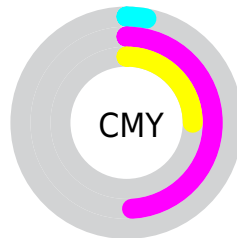


Cyan (0%)

Magenta (47%)

Yellow (23%)

Black (3%)



Cyan (3%)


Magenta (49%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 172.8230, 8.9613, 65.9302 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 172.8230, 8.9613, 65.9302 by changing the saturation by 10% instead.


 172.8230, 8.9613,
65.9302


 172.8230, 8.9613,
65.9302


255.0000, 0.0000,
0.0000

 144.9260, 9.4035,
64.0859


 214.1720, 16.1842,
35.8062


 117.4420, 10.1351,
62.7564


 231.5200, 11.5756,
20.5920

 89.3710, 11.1561,
61.9416

 248.5430, 3.1833,
5.6628

 58.8920, 14.3502,
64.1157

 38.6910, 12.4773,
58.1530

 28.1100, 6.8478,
43.7535

 18.6540, 1.6496,

30.9984

■ 4.4850, -2.2111,
9.2217

■ 0.0000, 0.0000,
0.0000

■ 172.8230, 8.9613,
65.9302

■ 172.8230, 8.9613,
65.9302

■ 156.7800, 10.9545,
79.9999

■ 188.8660, 6.9681,
51.8605

■ 140.7370, 12.9477,
94.0697

■ 204.9090, 4.9749,
37.7908

■ 125.2810, 14.6515,
107.6246

■ 220.3650, 3.2711,
24.2359

■ 109.2380, 16.6447,
121.6943

■ 236.4080, 1.2779,
10.1662

■ 93.1950, 18.6379,
135.7640

■ 252.4510, -0.7153,
-3.9035

■ 88.6300, 18.9164,
139.7675

■ 252.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



174.8690, 29.1516, 29.9329



172.8230, 8.9613, 65.9302



168.8570, -12.7475, 75.5474

Triad

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



172.8230, 8.9613, 65.9302



162.2790, -43.5215, 5.8943



138.7760, 49.4104, -121.7066

Complementary

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



172.8230, 8.9613, 65.9302



206.1770, -8.9613, -65.9302

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.



136.3360, 29.9074, -119.5667



172.8230, 8.9613, 65.9302



155.5970, -25.9303, -36.4806

Square

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



172.8230, 8.9613, 65.9302



166.3420, -45.5246, 41.7961



129.5760, 9.0830, -113.6382



134.7300, 59.2931, -118.1582

Rectangle

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



172.8230, 8.9613, 65.9302



168.9480, -27.5824, 73.7136



129.5760, 9.0830, -113.6382



138.5820, 43.5901, -121.5364

Sweetspot

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



172.8230, 8.9613, 65.9302



231.9300, 2.9925, 20.2324



161.3810, 42.7032, 23.3449



113.8320, 1.5618, 12.4253



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.



172.8230, 8.9613, 65.9302



161.7910, 10.9490, 81.7443



166.2110, -16.3730, 71.7290



116.6850, 1.1413, 7.2923



67.5690, 14.5095, 106.4950



21.7730, 4.5489, 34.4021

Inverse Universe

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



172.8230, 8.9613, 65.9302



161.7910, 10.9490, 81.7443



212.7890, 16.3730, -71.7290



116.6850, 1.1413, 7.2923



67.5690, 14.5095, 106.4950



21.7730, 4.5489, 34.4021

Previews

White Background



This preview shows how the YUV color 172.8230, 8.9613, 65.9302 looks on a white background.

Color Contrast Check

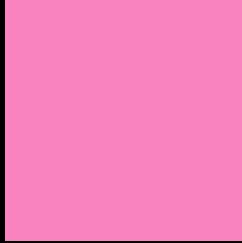
Large Text (above 18pt) WCAG AA × Fail

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 172.8230, 8.9613, 65.9302 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 172.8230, 8.9613, 65.9302

Background



This preview shows how black text looks on a background with the YUV color 172.8230, 8.9613, 65.9302.



This preview shows how white text looks on a background with the YUV color 172.8230, 8.9613,

65.9302.

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

172.8230, 8.9613, 65.9302

Protanopia

170.4820, 22.4404, -10.9467

Deuteranopia

171.4660, 6.6723, 6.6073



Tritanopia

171.5350, -11.1098, 63.5518

Trichromacy



Original Color

172.8230, 8.9613, 65.9302



Protanomaly

171.6920, 17.4068, 16.9331



Deuteranomaly

172.1250, 7.3334, 27.9544



Tritanomaly

171.7830, -3.8370, 64.2113

Monochromacy



Original Color

172.8230, 8.9613, 65.9302



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

173.0660, 3.4185, 23.6211

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.8230, 8.9613, 65.9302 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(248, 131, 191)` looks like.

```
.text, #text, p{  
    color:rgb(248, 131, 191)  
}
```

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(248, 131, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 131, 191) }
```

Border

The CSS property to change the border of an element to YUV 172.8230, 8.9613, 65.9302 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(248, 131, 191) }
```


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

```
.border{ border-color:rgb(248, 131, 191) }
```

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

Here you see how a box with a 4 pixel rgb(248, 131, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 131, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 131, 191);  
box-shadow:4px 4px 4px 4px rgb(248, 131,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 172.8230, 8.9613, 65.9302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 131, 191) }
```

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

```
.background{ background-color: rgb(248,  
131, 191) }
```

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