

Converting Colors

YUV(165.8030, -14.1999,
74.7178)

Have a look what the booklet for
YUV(165.8030, -14.1999, 74.7178)
contains.

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Color

**YUV(165.8030, -14.1999,
74.7178)**

Conversions

Conversions Part 1

Format	Color
Hex	FB8089
RGB	251, 128, 137
RGB Percent	98%, 50%, 54%
CMY	0.0157, 0.4980, 0.4627
CMYK	0.00, 0.49, 0.45, 0.02
HSL	356°, 94%, 74%
HSV	356°, 49%, 98%
XYZ	52.0182, 37.7537, 28.2124
YIQ	165.8030, 70.4190, 28.8750

Conversions

Conversions Part 2

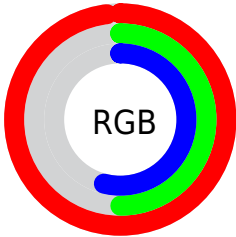
Format	Color
R_{YB}	251, 128, 137
Decimal	16482441
CIE _{Lab}	67.84, 47.61, 17.05
CIE _{LCh}	68, 50.572, 19.698
Yxy	37.7537, 0.4409, 0.3200
Android (android.graphics.Color)	4294672521 (0xFFFB8089)
YUV	165.8030, -14.1999, 74.7178
Hunter-Lab	61.4441, 43.5900, 15.7874

Details

The YUV color **165.8030, -14.1999, 74.7178** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **213.1970, 14.1999, -74.7178**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.3260, -7.5557, 43.5641**, and **110.7530, -11.7102, 69.4996** is the 20% darker color. If you saturate the color by 10%, you get **148.5060, -17.0115, 89.8872**, and if you desaturate by 10%, it is **183.1000, -11.3883, 59.5483**.

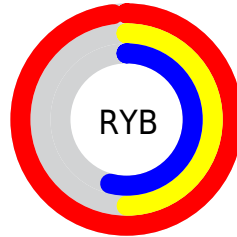
Distribution



Red (98%)

Green (50%)

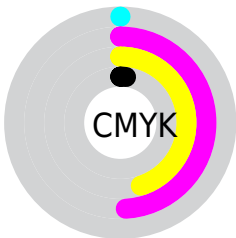
Blue (54%)



Red (98%)

Yellow (50%)

Blue (54%)

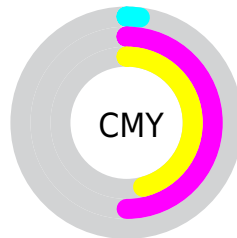


Cyan (0%)

Magenta (49%)

Yellow (45%)

Black (2%)



Cyan (2%)

Magenta (50%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.8030, -14.1999, 74.7178 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 165.8030, -14.1999, 74.7178 by changing the saturation by 10% instead.

■ 165.8030,
-14.1999, 74.7178

■ 165.8030,
-14.1999, 74.7178

255.0000, 0.0000,
0.0000

■ 138.1340,
-12.8841, 72.6735

■ 205.3260, -7.5557,
43.5641

■ 110.7530,
-11.7102, 69.4996

■ 225.5410, -3.7177,
25.8355

■ 83.0240, -9.3788,
68.3850

■ 245.8700, 0.5571,
8.0070

■ 53.0610, -5.4531,
69.2295

■ 33.3050, -5.5734,
61.1225

■ 22.4250, -11.0555,
46.1083

■ 14.8790, -6.3493,

29.9241

■ 0.0000, 0.0000,
0.0000

■ 165.8030,
-14.1999, 74.7178

■ 165.8030,
-14.1999, 74.7178

■ 148.5060,
-17.0115, 89.8872

■ 183.1000,
-11.3883, 59.5483

■ 131.0950,
-20.2598, 105.1567

■ 200.5110, -8.1399,
44.2789

■ 113.7980,
-23.0714, 120.3262

■ 217.8080, -5.3283,
29.1094

■ 96.5010, -25.8830,
135.4956

■ 235.1050, -2.5168,
13.9399

■ 79.2040, -28.6946,
150.6651

■ 252.4020, 0.2948,
-1.2296

■ 77.1010, -29.1368,
152.5094

■ 253.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



168.3560, 7.2195, 64.5858



165.8030, -14.1999, 74.7178



164.1010, -33.0808, 63.9324

Triad

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



165.8030, -14.1999, 74.7178



151.2810, -23.3095, -37.0804



131.7950, 60.7401, -115.5842

Complementary

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



165.8030, -14.1999, 74.7178



213.1970, 14.1999, -74.7178

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.



134.6840, 48.9628, -118.1179



165.8030, -14.1999, 74.7178



126.5270, 10.0932, -110.9642

Square

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



165.8030, -14.1999, 74.7178



158.0660, -40.4585, 3.4501



132.5860, 30.7701, -116.2779



164.7040, 42.5439, -19.0344

Rectangle

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



165.8030, -14.1999, 74.7178



163.4120, -41.6151, 47.8737



132.5860, 30.7701, -116.2779



133.5730, 57.3985, -117.1435

Sweetspot

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



165.8030, -14.1999, 74.7178



228.7040, -4.2911, 23.0616



175.8090, 37.0692, 57.1725



111.9910, -2.9536, 14.0399



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.



165.8030, -14.1999, 74.7178



151.1040, -17.3063, 91.1168



194.7140, -32.8900, 49.3628



116.0010, -1.4795, 7.8921



58.1070, -21.7448, 114.7932



18.6950, -7.2446, 37.1015

Inverse Universe

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



165.8030, -14.1999, 74.7178



151.1040, -17.3063, 91.1168



184.2860, 32.8900, -49.3628



116.0010, -1.4795, 7.8921



58.1070, -21.7448, 114.7932



18.6950, -7.2446, 37.1015

Previews

White Background



This preview shows how the YUV color 165.8030, -14.1999, 74.7178 looks on a white background.

Color Contrast Check

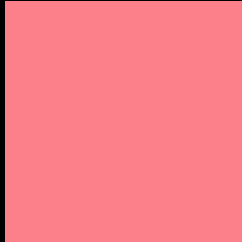
Large Text (above 18pt) WCAG AA × Fail

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 165.8030, -14.1999, 74.7178 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 165.8030, -14.1999, 74.7178

Background



This preview shows how black text looks on a background with the YUV color 165.8030, -14.1999, 74.7178.



This preview shows how white text looks on a background with the YUV color 165.8030, -14.1999, 74.7178.

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

165.8030, -14.1999, 74.7178

Protanopia

165.7680, -4.8156, 4.5885

Deuteranopia

166.0880, -16.8054, 23.6018



Tritanopia

165.8030, -14.1999, 74.7178

Trichromacy



Original Color

165.8030, -14.1999, 74.7178

Protanomaly

166.0100, -8.3859, 29.8092

Deuteranomaly

166.1380, -15.8440, 41.9750

Tritanomaly

165.8030, -14.1999, 74.7178

Monochromacy



Original Color

165.8030, -14.1999, 74.7178

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.7970, -5.3229, 27.3650

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.8030, -14.1999, 74.7178 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(251, 128, 137)` looks like.

```
.text, #text, p{  
    color:rgb(251, 128, 137)  
}
```

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(251, 128, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 128, 137) }
```

Border

The CSS property to change the border of an element to YUV 165.8030, -14.1999, 74.7178 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(251, 128, 137) }
```


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

```
.border{ border-color:rgb(251, 128, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 128, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 128, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 128, 137); box-shadow:4px 4px 4px 4px rgb(251, 128, 137) }
```

Background

The CSS property to change the background color of an element to YUV 165.8030, -14.1999, 74.7178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 128, 137) }
```

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

```
.background{ background-color: rgb(251,  
128, 137) }
```

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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