

Converting Colors

YUV(166.8950, -13.7522,
71.1291)

Have a look what the booklet for
YUV(166.8950, -13.7522, 71.1291)
contains.

YUV(166.8950, -13.7522, 71.1291)	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(166.8950, -13.7522,
71.1291)**

Conversions

Conversions Part 1

Format	Color
Hex	F8838B
RGB	248, 131, 139
RGB Percent	97%, 51%, 55%
CMY	0.0275, 0.4863, 0.4549
CMYK	0.00, 0.47, 0.44, 0.03
HSL	356°, 89%, 74%
HSV	356°, 47%, 97%
XYZ	51.4879, 38.0531, 29.0574
YIQ	166.8950, 67.1640, 27.2920

Conversions

Conversions Part 2

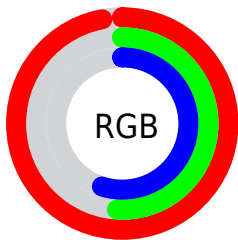
Format	Color
R _Y B	248, 131, 139
Decimal	16286603
CIE Lab	68.06, 45.27, 16.17
CIE LCh	68, 48.066, 19.654
Yxy	38.0531, 0.4341, 0.3209
Android (android.graphics.Color)	4294476683 (0xFFFF8838B)
YUV	166.8950, -13.7522, 71.1291
Hunter-Lab	61.6872, 41.0343, 15.2529

Details

The YUV color **166.8950, -13.7522, 71.1291** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **212.1050, 13.7522, -71.1291**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.3150, -7.5503, 41.8197**, and **112.1440, -11.4100, 66.5257** is the 20% darker color. If you saturate the color by 10%, you get **149.5980, -16.5638, 86.2986**, and if you desaturate by 10%, it is **184.1920, -10.9407, 55.9596**.

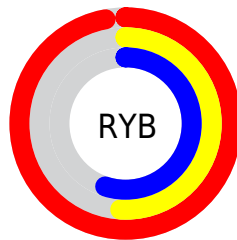
Distribution



Red (97%)

Green (51%)

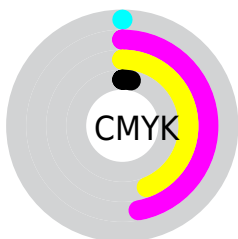
Blue (55%)



Red (97%)

Yellow (51%)

Blue (55%)

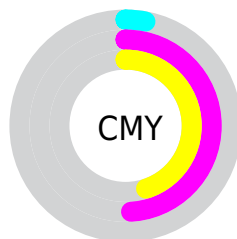


Cyan (0%)

Magenta (47%)

Yellow (44%)

Black (3%)



Cyan (3%)

Magenta (49%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.8950, -13.7522, 71.1291 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 166.8950, -13.7522, 71.1291 by changing the saturation by 10% instead.

166.8950,
-13.7522, 71.1291

166.8950,
-13.7522, 71.1291

255.0000, 0.0000,
0.0000

139.2260,
-12.4364, 69.0848

207.3150, -7.5503,
41.8197

112.1440,
-11.4100, 66.5257

227.5300, -3.7123,
24.0912

85.0020, -9.3680,
64.8962

247.8590, 0.5625,
6.2627

56.8000, -6.3104,
64.1964

32.9350, -4.4050,
59.6930

22.1260, -10.9081,
45.4935

14.5800, -6.2019,

29.3093

■ 0.0000, 0.0000,
0.0000

■ 166.8950,
-13.7522, 71.1291

■ 166.8950,
-13.7522, 71.1291

■ 149.5980,
-16.5638, 86.2986

■ 184.1920,
-10.9407, 55.9596

■ 132.3010,
-19.3754, 101.4680

■ 201.4890, -8.1291,
40.7901

■ 115.5910,
-22.4764, 116.1227

■ 218.1990, -5.0281,
26.1355

■ 98.2940, -25.2879,
131.2922

■ 235.4960, -2.2165,
10.9660

■ 80.8830, -28.5363,
146.5616

■ 252.9070, 1.0318,
-4.3034

■ 76.0900, -29.1314,
150.7651

Harmonies

Analogous

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



169.2200, 6.7935, 61.1971



166.8950, -13.7522, 71.1291



165.1330, -31.6176, 61.2734

Triad

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



166.8950, -13.7522, 71.1291



152.9330, -22.1520, -35.0212



143.8970, 52.8018, -89.3637

Complementary

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



166.8950, -13.7522, 71.1291



212.1050, 13.7522, -71.1291

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.



134.3420, 47.6524, -117.8179



166.8950, -13.7522, 71.1291



136.0240, 6.3972, -92.1060

Square

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



166.8950, -13.7522, 71.1291



159.2340, -38.5694, 4.1798



132.4720, 30.3333, -116.1779



165.5470, 40.6493, -18.0197

Rectangle

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



166.8950, -13.7522, 71.1291



163.9710, -39.4257, 45.6294



132.4720, 30.3333, -116.1779



133.2310, 56.0881, -116.8436

Sweetspot

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



166.8950, -13.7522, 71.1291



230.1060, -3.9963, 21.8320



176.3310, 35.3328, 54.0837



112.6920, -2.8062, 13.4251



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.



166.8950, -13.7522, 71.1291



154.4950, -17.0060, 88.1429



194.7460, -31.4268, 46.7038



116.0010, -1.4795, 7.8921



57.9930, -22.1815, 114.8931



18.6950, -7.2446, 37.1015

Inverse Universe

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



166.8950, -13.7522, 71.1291



154.4950, -17.0060, 88.1429



184.2540, 31.4268, -46.7038



116.0010, -1.4795, 7.8921



57.9930, -22.1815, 114.8931



18.6950, -7.2446, 37.1015

Previews

White Background



This preview shows how the YUV color 166.8950, -13.7522, 71.1291 looks on a white background.

Color Contrast Check

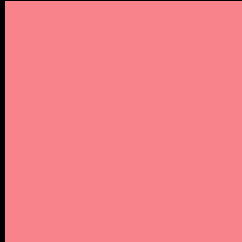
Large Text (above 18pt) WCAG AA × Fail

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 166.8950, -13.7522, 71.1291 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 166.8950, -13.7522, 71.1291

Background



This preview shows how black text looks on a background with the YUV color 166.8950, -13.7522, 71.1291.



This preview shows how white text looks on a background with the YUV color 166.8950, -13.7522, 71.1291.

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

166.8950, -13.7522, 71.1291

Protanopia

166.7680, -4.8156, 4.5885

Deuteranopia

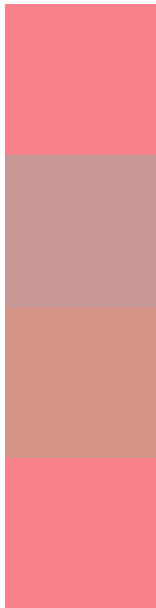
166.9030, -16.2212, 22.8871



Tritanopia

167.0090, -13.3154, 71.0291

Trichromacy



Original Color

166.8950, -13.7522, 71.1291

Protanomaly

166.7110, -8.2385, 29.1945

Deuteranomaly

166.6540, -15.1124, 40.6454

Tritanomaly

167.0090, -13.3154, 71.0291

Monochromacy



Original Color

166.8950, -13.7522, 71.1291

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.9000, -4.8807, 25.5207

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.8950, -13.7522, 71.1291 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(248, 131, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 131, 139) }
```

Border

The CSS property to change the border of an element to YUV 166.8950, -13.7522, 71.1291 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, 139) }
```


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

```
.border{ border-color:rgb(248, 131, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 131, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 131, 139);  
box-shadow:4px 4px 4px 4px rgb(248, 131,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 166.8950, -13.7522, 71.1291 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, 139) }
```

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

```
.background{ background-color: rgb(248,  
131, 139) }
```

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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