

Converting Colors

YUV(164.8890, -11.2843,
72.8883)

Have a look what the booklet for
YUV(164.8890, -11.2843, 72.8883)
contains.

YUV(164.8890, -11.2843, 72.8883)	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(164.8890, -11.2843,
72.8883)**

Conversions

Conversions Part 1

Format	Color
Hex	F87F8E
RGB	248, 127, 142
RGB Percent	97%, 50%, 56%
CMY	0.0275, 0.5020, 0.4431
CMYK	0.00, 0.49, 0.43, 0.03
HSL	353°, 90%, 74%
HSV	353°, 49%, 97%
XYZ	51.1833, 37.0882, 30.0523
YIQ	164.8890, 67.3010, 30.3170

Conversions

Conversions Part 2

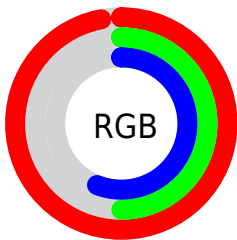
Format	Color
R _Y B	248, 127, 142
Decimal	16285582
CIE Lab	67.34, 47.55, 13.48
CIE LCh	67, 49.422, 15.825
Yxy	37.0882, 0.4326, 0.3134
Android (android.graphics.Color)	4294475662 (0xFFFF87F8E)
YUV	164.8890, -11.2843, 72.8883
Hunter-Lab	60.9001, 43.4446, 13.3723

Details

The YUV color **164.8890, -11.2843, 72.8883** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **210.1110, 11.2843, -72.8883**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.4230, -4.6455, 43.4790**, and **110.1380, -8.9420, 68.2850** is the 20% darker color. If you saturate the color by 10%, you get **147.7060, -13.6591, 87.9578**, and if you desaturate by 10%, it is **182.0720, -8.9095, 57.8189**.

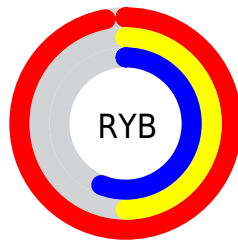
Distribution



Red (97%)

Green (50%)

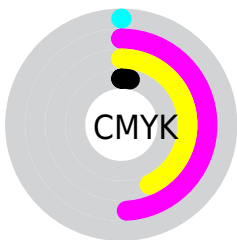
Blue (56%)



Red (97%)

Yellow (50%)

Blue (56%)

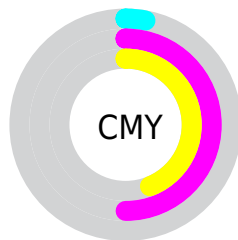


Cyan (0%)

Magenta (49%)

Yellow (43%)

Black (3%)



Cyan (3%)

Magenta (50%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.8890, -11.2843, 72.8883 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 164.8890, -11.2843, 72.8883 by changing the saturation by 10% instead.

164.8890,
-11.2843, 72.8883

164.8890,
-11.2843, 72.8883

255.0000, 0.0000,
0.0000

137.1060,
-10.4053, 70.9440

205.4230, -4.6455,
43.4790

110.1380, -8.9420,
68.2850

225.5240, -1.2443,
25.8505

82.1100, -6.4632,
66.5555

245.8530, 3.0305,
8.0219

52.4460, -2.6849,
68.0149

33.1630, -3.5314,
59.4930

22.1260, -10.9081,
45.4935

14.2810, -6.0545,

28.6946

■ 0.0000, 0.0000,
0.0000

■ 164.8890,
-11.2843, 72.8883

■ 164.8890,
-11.2843, 72.8883

■ 147.7060,
-13.6591, 87.9578

■ 182.0720, -8.9095,
57.8189

■ 130.6370,
-15.5970, 102.9274

■ 199.1410, -6.9715,
42.8493

■ 114.0410,
-18.2612, 117.4820

■ 215.7370, -4.3073,
28.2947

■ 96.8580, -20.6360,
132.5515

■ 232.9200, -1.9326,
13.2252

■ 79.6750, -23.0108,
147.6210

■ 250.1030, 0.4422,
-1.8443

■ 77.6860, -23.0162,
149.3654

■ 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.



167.6050, 9.5617, 59.9824



164.8890, -11.2843, 72.8883



163.4970, -30.3180, 64.4621

Triad

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



164.8890, -11.2843, 72.8883



151.4560, -25.3678, -30.2179



131.2250, 58.5561, -115.0843

Complementary

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



164.8890, -11.2843, 72.8883



210.1110, 11.2843, -72.8883

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.



133.2990, 46.1946, -116.9032



164.8890, -11.2843, 72.8883



135.7320, 2.5971, -86.5880

Square

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



164.8890, -11.2843, 72.8883



157.6860, -40.7642, 8.1684



131.0870, 27.5651, -114.9633



161.8880, 43.4392, -26.2118

Rectangle

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



164.8890, -11.2843, 72.8883



162.2920, -39.5840, 49.7329



131.0870, 27.5651, -114.9633



132.3020, 55.0671, -116.0289

Sweetspot

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



164.8890, -11.2843, 72.8883



228.8180, -3.8543, 22.9616



172.1890, 37.3748, 52.4542



112.1050, -2.5168, 13.9399



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.



164.8890, -11.2843, 72.8883



151.9020, -14.2487, 90.4169



189.0070, -30.5695, 51.7369



116.1150, -1.0427, 7.7921



59.1330, -17.8136, 113.8934



19.1510, -5.4974, 36.7016

Inverse Universe

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



164.8890, -11.2843, 72.8883



151.9020, -14.2487, 90.4169



185.9930, 30.5695, -51.7369



116.1150, -1.0427, 7.7921



59.1330, -17.8136, 113.8934



19.1510, -5.4974, 36.7016

Previews

White Background



This preview shows how the YUV color 164.8890, -11.2843, 72.8883 looks on a white background.

Color Contrast Check

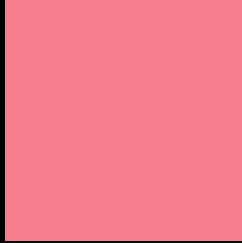
Large Text (above 18pt) WCAG AA × Fail

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 164.8890, -11.2843, 72.8883 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 164.8890, -11.2843, 72.8883

Background



This preview shows how black text looks on a background with the YUV color 164.8890, -11.2843, 72.8883.



This preview shows how white text looks on a background with the YUV color 164.8890, -11.2843, 72.8883.

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

164.8890, -11.2843, 72.8883

Protanopia

164.8540, -1.9000, 2.7590

Deuteranopia

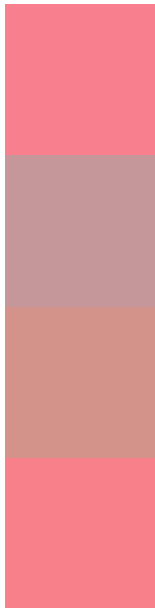
165.1740, -13.8898, 21.7724



Tritanopia

164.9060, -13.7577, 72.8734

Trichromacy



Original Color

164.8890, -11.2843, 72.8883

Protanomaly

165.0960, -5.4703, 27.9798

Deuteranomaly

165.2240, -12.9284, 40.1456

Tritanomaly

165.1340, -12.8841, 72.6735

Monochromacy



Original Color

164.8890, -11.2843, 72.8883

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.8400, -3.8651, 26.4503

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.8890, -11.2843, 72.8883 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, 127, 142)` looks like.

```
.text, #text, p{  
    color:rgb(248, 127, 142)  
}
```

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, 127, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 127, 142) }
```

Border

The CSS property to change the border of an element to YUV 164.8890, -11.2843, 72.8883 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, 127, 142) }
```


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

```
.border{ border-color:rgb(248, 127, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 127, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 127, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 127, 142); box-shadow:4px 4px 4px 4px rgb(248, 127, 142) }
```

Background

The CSS property to change the background color of an element to YUV 164.8890, -11.2843, 72.8883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 127, 142) }
```

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

```
.background{ background-color: rgb(248,  
127, 142) }
```

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