

Converting Colors

YUV(162.2320, -11.4534,
80.4805)

Have a look what the booklet for
YUV(162.2320, -11.4534, 80.4805)
contains.

YUV(162.2320, -11.4534, 80.4805)	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(162.2320, -11.4534,
80.4805)**

Conversions

Conversions Part 1

Format	Color
Hex	FE788B
RGB	254, 120, 139
RGB Percent	100%, 47%, 55%
CMY	0.0039, 0.5294, 0.4549
CMYK	0.00, 0.53, 0.45, 0.00
HSL	351°, 99%, 73%
HSV	351°, 53%, 100%
XYZ	52.2497, 36.3679, 28.6919
YIQ	162.2320, 73.7650, 34.3170

Conversions

Conversions Part 2

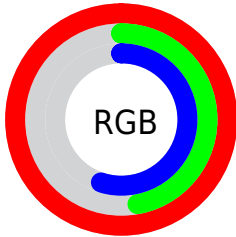
Format	Color
R_{YB}	254, 120, 139
Decimal	16677003
CIE Lab	66.80, 52.70, 14.54
CIE LCh	67, 54.664, 15.422
Yxy	36.3679, 0.4454, 0.3100
Android (android.graphics.Color)	4294867083 (0xFFFE788B)
YUV	162.2320, -11.4534, 80.4805
Hunter-Lab	60.3058, 49.1197, 14.0054

Details

The YUV color **162.2320, -11.4534, 80.4805** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **211.7680, 11.4534, -80.4805**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.4450, -4.6564, 46.9677**, and **106.0080, -8.3849, 76.2920** is the 20% darker color. If you saturate the color by 10%, you get **145.0490, -13.8282, 95.5500**, and if you desaturate by 10%, it is **179.4150, -9.0786, 65.4110**.

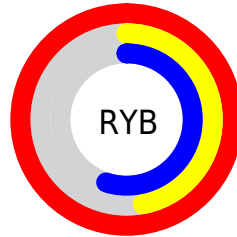
Distribution



Red (100%)

Green (47%)

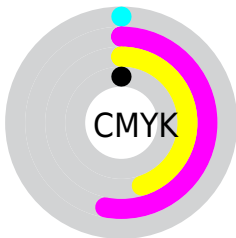
Blue (55%)



Red (100%)

Yellow (47%)

Blue (55%)

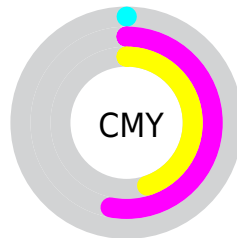


Cyan (0%)

Magenta (53%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 162.2320, -11.4534, 80.4805 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 162.2320, -11.4534, 80.4805 by changing the saturation by 10% instead.


 162.2320,
-11.4534, 80.4805


 162.2320,
-11.4534, 80.4805


255.0000, 0.0000,
0.0000


 134.2640, -9.9902,
77.8215


 201.4450, -4.6564,
46.9677


 106.0080, -8.3849,
76.2920


 221.0730, -0.5290,
29.7540

 76.8060, -5.3274,
75.5921

 241.4020, 3.7458,
11.9254

 45.0820, -0.5334,
77.9811

 34.1310, -4.9946,
62.1521

 22.7240, -11.2029,
46.7231

 14.8790, -6.3493,

29.9241

■ 0.0000, 0.0000,
0.0000

■ 162.2320,
-11.4534, 80.4805

■ 162.2320,
-11.4534, 80.4805

■ 145.0490,
-13.8282, 95.5500

■ 179.4150, -9.0786,
65.4110

■ 127.2790,
-15.9135, 111.1343

■ 197.1850, -6.9932,
49.8268

■ 110.2100,
-17.8515, 126.1038

■ 214.2540, -5.0552,
34.8572

■ 92.4400, -19.9369,
141.6881

■ 232.0240, -2.9698,
19.2730

■ 80.0500, -21.7166,
152.5541

■ 249.2070, -0.5951,
4.2035

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



165.8060, 11.4346, 65.9451



162.2320, -11.4534, 80.4805



161.1450, -33.1025, 70.9098

Triad

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



162.2320, -11.4534, 80.4805



148.2230, -28.7039, -33.5216



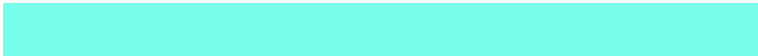
131.7950, 60.7401, -115.5842

Complementary

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



162.2320, -11.4534, 80.4805



211.7680, 11.4534, -80.4805

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



162.2320, -11.4534, 80.4805



124.0990, 5.8672, -108.8348

Square

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



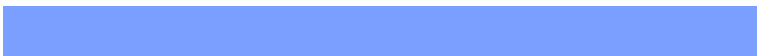
162.2320, -11.4534, 80.4805



155.3180, -46.0058, 9.3681



131.0870, 27.5651, -114.9633



159.1800, 47.2393, -31.7299

Rectangle

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



162.2320, -11.4534, 80.4805



160.0000, -43.3840, 55.2510



131.0870, 27.5651, -114.9633



133.1000, 58.1247, -116.7287

Sweetspot

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



162.2320, -11.4534, 80.4805



226.9430, -3.4229, 24.6060



169.3620, 41.7265, 56.6875



110.9310, -1.9380, 14.9695



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.



162.2320, -11.4534, 80.4805



144.7610, -13.6862, 96.6796



187.6550, -33.3539, 58.1846



119.1150, -1.0427, 7.7921



60.1870, -16.3612, 114.7230



20.1620, -5.5029, 38.4459

Inverse Universe

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



162.2320, -11.4534, 80.4805



144.7610, -13.6862, 96.6796



186.3450, 33.3539, -58.1846



119.1150, -1.0427, 7.7921



60.1870, -16.3612, 114.7230



20.1620, -5.5029, 38.4459

Previews

White Background



This preview shows how the YUV color 162.2320, -11.4534, 80.4805 looks on a white background.

Color Contrast Check

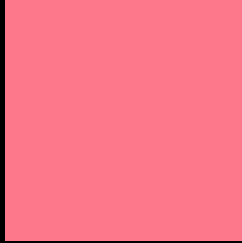
Large Text (above 18pt) WCAG AA × Fail

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 162.2320, -11.4534, 80.4805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

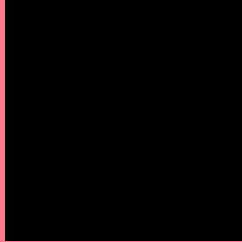
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 162.2320, -11.4534, 80.4805

Background



This preview shows how black text looks on a background with the YUV color 162.2320, -11.4534, 80.4805.



This preview shows how white text looks on a background with the YUV color 162.2320, -11.4534, 80.4805.

80.4805.

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

162.2320, -11.4534, 80.4805

Protanopia

163.0820, -1.0264, 2.5591

Deuteranopia

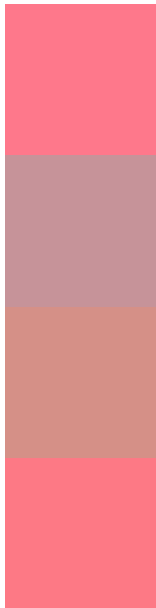
163.8320, -15.2002, 22.0723



Tritanopia

162.0810, -15.8159, 79.7360

Trichromacy



Original Color

162.2320, -11.4534, 80.4805

Protanomaly

162.9330, -4.8970, 30.7538

Deuteranomaly

163.6050, -14.1023, 43.3194

Tritanomaly

161.8360, -14.2161, 79.9508

Monochromacy



Original Color

162.2320, -11.4534, 80.4805

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

162.1500, -4.0180, 28.8094

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.2320, -11.4534, 80.4805 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(254, 120, 139)` looks like.

```
.text, #text, p{  
    color:rgb(254, 120, 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(254, 120, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 120, 139) }
```

Border

The CSS property to change the border of an element to YUV 162.2320, -11.4534, 80.4805 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(254, 120, 139) }
```


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

```
.border{ border-color:rgb(254, 120, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 120, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 120, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 120, 139);  
box-shadow:4px 4px 4px 4px rgb(254, 120,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 162.2320, -11.4534, 80.4805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 120, 139) }
```

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

```
.background{ background-color: rgb(254,  
120, 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](#).

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