

Converting Colors

YUV(173.5490, -2.2427,
66.1705)

Have a look what the booklet for
YUV(173.5490, -2.2427, 66.1705)
contains.

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Color

**YUV(173.5490, -2.2427,
66.1705)**

Conversions

Conversions Part 1

Format	Color
Hex	F988A9
RGB	249, 136, 169
RGB Percent	98%, 53%, 66%
CMY	0.0235, 0.4667, 0.3373
CMYK	0.00, 0.45, 0.32, 0.02
HSL	342°, 90%, 75%
HSV	342°, 45%, 98%
XYZ	55.0325, 40.6126, 42.4746
YIQ	173.5490, 56.7550, 34.2190

Conversions

Conversions Part 2

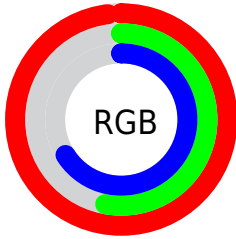
Format	Color
R_{YB}	249, 136, 169
Decimal	16353449
CIE _{Lab}	69.90, 46.46, 1.98
CIE _{LCh}	70, 46.506, 2.434
Yxy	40.6126, 0.3984, 0.2940
Android (android.graphics.Color)	4294543529 (0xFFFF988A9)
YUV	173.5490, -2.2427, 66.1705
Hunter-Lab	63.7280, 42.6201, 5.0930

Details

The YUV color **173.5490, -2.2427, 66.1705** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **211.4510, 2.2427, -66.1705**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.8980, 4.9803, 36.0465**, and **118.8690, -0.9214, 62.3819** is the 20% darker color. If you saturate the color by 10%, you get **156.8220, -2.8702, 80.8401**, and if you desaturate by 10%, it is **190.2760, -1.6151, 51.5009**.

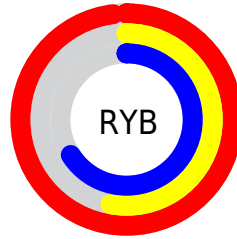
Distribution



Red (98%)

Green (53%)

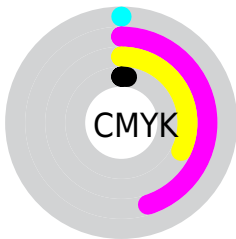
Blue (66%)



Red (98%)

Yellow (53%)

Blue (66%)

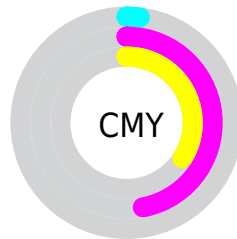


Cyan (0%)

Magenta (45%)

Yellow (32%)

Black (2%)



Cyan (2%)

Magenta (47%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YUV color 173.5490, -2.2427, 66.1705 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 173.5490, -2.2427, 66.1705 by changing the saturation by 10% instead.


 173.5490, -2.2427,
66.1705


 173.5490, -2.2427,
66.1705


255.0000, 0.0000,
0.0000


 145.7660, -1.3636,
64.2262


 213.8980, 4.9803,
36.0465


 118.8690, -0.9214,
62.3819

 234.2270, 9.2551,
18.2179

 91.6130, 0.6838,
60.8524

 251.4780, 1.7363,
3.0888

 64.0690, 2.4310,
60.4525

 36.7530, 5.0518,
59.8526

 25.9870, 0.0064,
44.7384

 16.3740, -7.0864,

32.9980

■ 2.3920, -1.1793,
4.9182

■ 0.0000, 0.0000,
0.0000

■ 173.5490, -2.2427,
66.1705

■ 173.5490, -2.2427,
66.1705

■ 156.8220, -2.8702,
80.8401

■ 190.2760, -1.6151,
51.5009

■ 140.2090, -3.0610,
95.4097

■ 206.8890, -1.4243,
36.9313

■ 123.4820, -3.6886,
110.0793

■ 223.6160, -0.7967,
22.2618

■ 106.7550, -4.3162,
124.7489

■ 240.3430, -0.1691,
7.5922

■ 90.7290, -4.7964,
138.8037

■ 253.2060, 0.8844,
-3.6887

■ 82.7730, -4.8181,
145.7811

Harmonies

Analogous

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



175.5690, 17.4675, 44.2280



173.5490, -2.2427, 66.1705



171.5110, -21.4509, 67.0809

Triad

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



173.5490, -2.2427, 66.1705



162.7420, -32.4108, -11.1747



136.5250, 53.4782, -119.7324

Complementary

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



173.5490, -2.2427, 66.1705



211.4510, 2.2427, -66.1705

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.



136.6270, 38.6379, -119.8219



173.5490, -2.2427, 66.1705



154.4670, -12.0622, -51.2756

Square

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



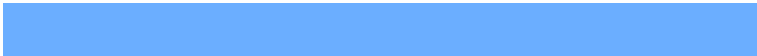
173.5490, -2.2427, 66.1705



167.0730, -40.9550, 22.7380



133.0130, 19.7136, -116.6524



163.2010, 45.2569, -49.2883

Rectangle

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



173.5490, -2.2427, 66.1705



170.8830, -32.4803, 57.9846



133.0130, 19.7136, -116.6524



137.3740, 49.1156, -120.4770

Sweetspot

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



173.5490, -2.2427, 66.1705



231.0180, -0.5019, 21.0322



172.5030, 37.7130, 37.2699



113.2620, -0.6222, 12.9252



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.



173.5490, -2.2427, 66.1705



162.9360, -2.4334, 80.7401



183.2880, -23.3130, 57.6294



116.3430, -0.1691, 7.5922



62.7810, -3.8360, 110.6941



20.2910, -1.1295, 35.7018

Inverse Universe

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



173.5490, -2.2427, 66.1705



162.9360, -2.4334, 80.7401



201.7120, 23.3130, -57.6294



116.3430, -0.1691, 7.5922



62.7810, -3.8360, 110.6941



20.2910, -1.1295, 35.7018

Previews

White Background



This preview shows how the YUV color 173.5490, -2.2427, 66.1705 looks on a white background.

Color Contrast Check

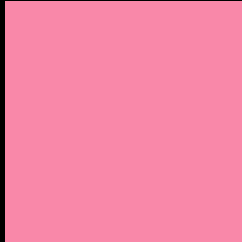
Large Text (above 18pt) WCAG AA × Fail

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 173.5490, -2.2427, 66.1705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

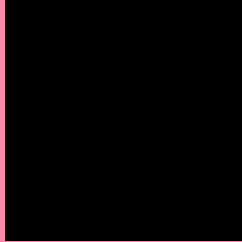
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.5490, -2.2427, 66.1705

Background



This preview shows how black text looks on a background with the YUV color 173.5490, -2.2427, 66.1705.



This preview shows how white text looks on a background with the YUV color 173.5490, -2.2427,

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

173.5490, -2.2427, 66.1705

Protanopia

171.8670, 8.4466, -2.5144

Deuteranopia

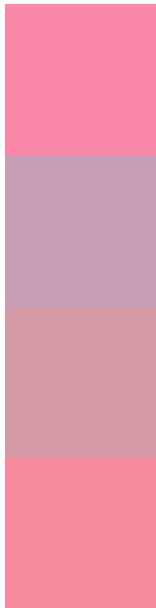
172.3610, -4.1220, 15.4694



Tritanopia

172.5460, -11.1152, 65.2962

Trichromacy



Original Color

173.5490, -2.2427, 66.1705

Protanomaly

172.6960, 4.5869, 22.1916

Deuteranomaly

172.4110, -3.1606, 33.8426

Tritanomaly

173.0560, -7.9156, 65.7259

Monochromacy



Original Color

173.5490, -2.2427, 66.1705

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.6270, -0.8021, 24.0061

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.5490, -2.2427, 66.1705 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(249, 136, 169)` looks like.

```
.text, #text, p{  
    color:rgb(249, 136, 169)  
}
```

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(249, 136, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 136, 169) }
```

Border

The CSS property to change the border of an element to YUV 173.5490, -2.2427, 66.1705 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(249, 136, 169) }
```


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

```
.border{ border-color:rgb(249, 136, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 136, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 136, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 136, 169);  
box-shadow:4px 4px 4px 4px rgb(249, 136,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 173.5490, -2.2427, 66.1705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 136, 169) }
```

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

```
.background{ background-color: rgb(249,  
136, 169) }
```

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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