

Converting Colors

YUV(170.6460, 0.6675, 66.0855)

Have a look what the booklet for
YUV(170.6460, 0.6675, 66.0855)
contains.

YUV(170.6460, 0.6675, 66.0855)	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(170.6460, 0.6675,
66.0855)**

Conversions

Conversions Part 1

Format	Color
Hex	F684AC
RGB	246, 132, 172
RGB Percent	96%, 52%, 67%
CMY	0.0353, 0.4824, 0.3255
CMYK	0.00, 0.46, 0.30, 0.04
HSL	339°, 86%, 74%
HSV	339°, 46%, 96%
XYZ	53.7037, 39.0739, 43.7412
YIQ	170.6460, 55.1040, 36.6080

Conversions

Conversions Part 2

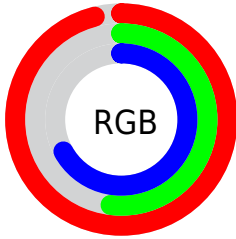
Format	Color
RYB	246, 132, 172
Decimal	16155820
CIELab	68.80, 47.82, -1.36
CIELCh	69, 47.838, 358.373
Yxy	39.0739, 0.3934, 0.2862
Android (android.graphics.Color)	4294345900 (0xFFFF684AC)
YUV	170.6460, 0.6675, 66.0855
Hunter-Lab	62.5091, 43.9644, 2.2678

Details

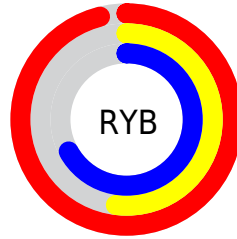
The YUV color **170.6460, 0.6675, 66.0855** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **207.3540, -0.6675, -66.0855**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.8920, 7.4482, 37.8057**, and **115.9660, 1.9888, 62.2968** is the 20% darker color. If you saturate the color by 10%, you get **154.1470, 0.9135, 80.5551**, and if you desaturate by 10%, it is **187.1450, 0.4215, 51.6158**.

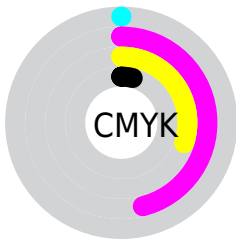
Distribution



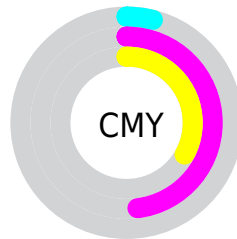
- Red (96%)
- Green (52%)
- Blue (67%)



- Red (96%)
- Yellow (52%)
- Blue (67%)



- Cyan (0%)
- Magenta (46%)
- Yellow (30%)
- Black (4%)



- Cyan (4%)
- Magenta (48%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 170.6460, 0.6675, 66.0855 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 170.6460, 0.6675, 66.0855 by changing the saturation by 10% instead.

 170.6460, 0.6675,
66.0855


 170.6460, 0.6675,
66.0855

255.0000, 0.0000,
0.0000


 142.7490, 1.1097,
64.2411


 211.8920, 7.4482,
37.8057

 115.9660, 1.9888,
62.2968


 232.1070, 11.2862,
20.0772

 88.5960, 3.1572,
60.8673

 249.1300, 2.8939,
5.1480

 59.9920, 5.9199,
61.3970

 36.0840, 6.3676,
57.8083

 25.6170, 1.1748,
43.3089

 15.7760, -6.7916,

31.7684

■ 0.0000, 0.0000,
0.0000

■ 170.6460, 0.6675,
66.0855

■ 170.6460, 0.6675,
66.0855

■ 154.1470, 0.9135,
80.5551

■ 187.1450, 0.4215,
51.6158

■ 138.2350, 0.8701,
94.5099

■ 203.0570, 0.4649,
37.6610

■ 121.7360, 1.1162,
108.9795

■ 219.5560, 0.2189,
23.1914

■ 105.8240, 1.0728,
122.9344

■ 235.4680, 0.2623,
9.2366

■ 89.3250, 1.3188,
137.4040

■ 251.9670, 0.0163,
-5.2331

■ 83.3580, 1.3025,
142.6370

■ 252.3090, 1.3267,
-5.5330

Harmonies

Analogous

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



172.6440, 20.3885, 40.6542



170.6460, 0.6675, 66.0855



168.6900, -19.5672, 69.5549

Triad

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



170.6460, 0.6675, 66.0855



160.0800, -35.0424, -7.0862



135.4820, 52.0204, -118.8177

Complementary

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



170.6460, 0.6675, 66.0855



207.3540, -0.6675, -66.0855

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.



134.6550, 36.1591, -118.0924



170.6460, 0.6675, 66.0855



152.2780, -15.4201, -47.6018

Square

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



170.6460, 0.6675, 66.0855



164.4650, -42.1342, 27.6562



130.2260, 16.6506, -114.2082



156.2210, 48.2050, -61.5838

Rectangle

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



170.6460, 0.6675, 66.0855



167.6600, -30.8914, 61.6882



130.2260, 16.6506, -114.2082



135.5160, 47.0736, -118.8475

Sweetspot

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



170.6460, 0.6675, 66.0855



231.2460, 0.3717, 20.8323



166.5240, 39.1817, 32.8665



113.3760, -0.1854, 12.8252



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.



170.6460, 0.6675, 66.0855



160.4570, 0.7607, 82.9142



174.8910, -21.1453, 62.3626



114.0440, -0.0217, 6.9774



63.0240, 0.9742, 107.8500



20.0350, 0.4757, 34.1723

Inverse Universe

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



170.6460, 0.6675, 66.0855



160.4570, 0.7607, 82.9142



203.1090, 21.1453, -62.3626



114.0440, -0.0217, 6.9774



63.0240, 0.9742, 107.8500



20.0350, 0.4757, 34.1723

Previews

White Background



This preview shows how the YUV color 170.6460, 0.6675, 66.0855 looks on a white background.

Color Contrast Check

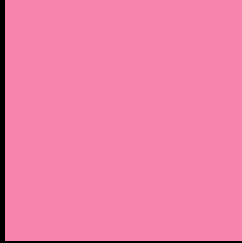
Large Text (above 18pt) WCAG AA × Fail

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 170.6460, 0.6675, 66.0855 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 170.6460, 0.6675, 66.0855

Background



This preview shows how black text looks on a background with the YUV color 170.6460, 0.6675, 66.0855.



This preview shows how white text looks on a background with the YUV color 170.6460, 0.6675,

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

170.6460, 0.6675, 66.0855

Protanopia

169.0670, 11.7990, -4.4438

Deuteranopia

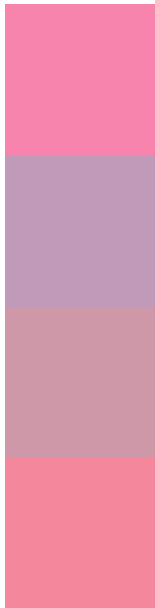
170.0340, -1.4958, 13.1252



Tritanopia

170.1330, -11.4046, 64.7814

Trichromacy



Original Color

170.6460, 0.6675, 66.0855

Protanomaly

169.4940, 7.6445, 21.4918

Deuteranomaly

170.3830, -0.6818, 32.1131

Tritanomaly

170.2840, -7.0420, 65.5259

Monochromacy



Original Color

170.6460, 0.6675, 66.0855

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.8550, 0.0715, 23.8062

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.6460, 0.6675, 66.0855 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(246, 132, 172)` looks like.

```
.text, #text, p{  
    color:rgb(246, 132, 172)  
}
```

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(246, 132, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 132, 172) }
```

Border

The CSS property to change the border of an element to YUV 170.6460, 0.6675, 66.0855 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(246, 132, 172) }
```


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

```
.border{ border-color:rgb(246, 132, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 132, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 132, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 132, 172);  
box-shadow:4px 4px 4px 4px rgb(246, 132,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 170.6460, 0.6675, 66.0855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 132, 172) }
```

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

```
.background{ background-color: rgb(246,  
132, 172) }
```

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