

Converting Colors

YUV(162.8170, 14.8802,
80.8445)

Have a look what the booklet for
YUV(162.8170, 14.8802, 80.8445)
contains.

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Color

**YUV(162.8170, 14.8802,
80.8445)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6EC1
RGB	255, 110, 193
RGB Percent	100%, 43%, 76%
CMY	0.0000, 0.5686, 0.2431
CMYK	0.00, 0.57, 0.24, 0.00
HSL	326°, 100%, 72%
HSV	326°, 57%, 100%
XYZ	56.4416, 36.2621, 54.4766
YIQ	162.8170, 59.7770, 56.5530

Conversions

Conversions Part 2

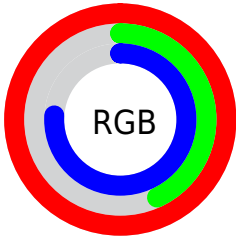
Format	Color
R_{YB}	255, 110, 193
Decimal	16740033
CIE _{Lab}	66.72, 63.71, -16.15
CIE _{LCh}	67, 65.731, 345.773
Yxy	36.2621, 0.3835, 0.2464
Android (android.graphics.Color)	4294930113 (0xFFFF6EC1)
YUV	162.8170, 14.8802, 80.8445
Hunter-Lab	60.2180, 61.9241, -11.4844

Details

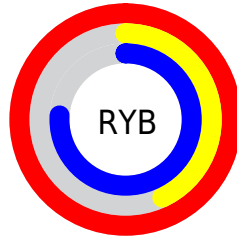
The YUV color **162.8170, 14.8802, 80.8445** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **202.1830, -14.8802, -80.8445**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.7740, 23.2824, 45.8022**, and **104.0880, 17.2116, 79.7298** is the 20% darker color. If you saturate the color by 10%, you get **146.8880, 17.3102, 94.8142**, and if you desaturate by 10%, it is **179.3330, 12.1608, 66.3600**.

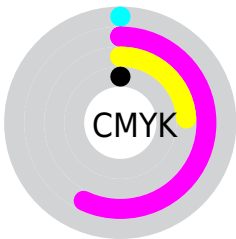
Distribution



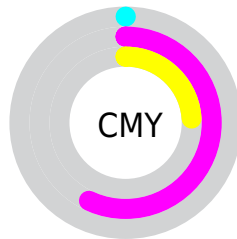
- Red (100%)
- Green (43%)
- Blue (76%)



- Red (100%)
- Yellow (43%)
- Blue (76%)



- Cyan (0%)
- Magenta (57%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (57%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.8170, 14.8802, 80.8445 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 162.8170, 14.8802, 80.8445 by changing the saturation by 10% instead.


 162.8170, 14.8802,
80.8445


 162.8170, 14.8802,
80.8445


255.0000, 0.0000,
0.0000

 133.7460, 15.9012,
80.0298


 202.7740, 23.2824,
45.8022


 104.0880, 17.2116,
79.7298


 220.3670, 17.0741,
30.3731

 65.5650, 23.8785,
88.0815

 237.3900, 8.6817,
15.4440

 51.1090, 18.6803,
75.3264

 39.8160, 12.9087,
59.7974

 28.8220, 6.9898,
44.8831

 18.7680, 2.0864,

30.8985

■ 4.7840, -2.3585,
9.8364

■ 0.0000, 0.0000,
0.0000

■ 162.8170, 14.8802,
80.8445

■ 162.8170, 14.8802,
80.8445

■ 146.8880, 17.3102,
94.8142

■ 179.3330, 12.1608,
66.3600

■ 130.3720, 20.0296,
109.2988

■ 195.2620, 9.7308,
52.3902

■ 113.8560, 22.7490,
123.7833

■ 211.7780, 7.0114,
37.9057

■ 97.9270, 25.1790,
137.7530

■ 227.7070, 4.5814,
23.9360

■ 92.8890, 26.1837,
142.1713

■ 244.2230, 1.8621,
9.4514

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



167.2960, 38.3081, 33.0664



162.8170, 14.8802, 80.8445



154.3300, -10.0227, 88.2876

Triad

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



162.8170, 14.8802, 80.8445



151.5880, -58.9569, 10.0083



137.8130, 53.3362, -120.8620

Complementary

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



162.8170, 14.8802, 80.8445



202.1830, -14.8802, -80.8445

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.



133.5320, 29.3177, -117.1076



162.8170, 14.8802, 80.8445



143.3760, -34.2024, -43.3028

Square

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



162.8170, 14.8802, 80.8445



156.2650, -58.7976, 52.3876



125.8770, 2.5256, -110.3941



132.9690, 60.1613, -116.6138

Rectangle

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



162.8170, 14.8802, 80.8445



155.8680, -29.5149, 86.9388



125.8770, 2.5256, -110.3941



137.1630, 45.7686, -120.2920

Sweetspot

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



162.8170, 14.8802, 80.8445



227.5930, 4.1447, 24.0359



144.4700, 54.4913, 22.3898



111.4840, 2.7194, 14.4845



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.



162.8170, 14.8802, 80.8445



145.0130, 17.7416, 96.4586



154.7230, -16.1324, 87.9429



119.6850, 1.1413, 7.2923



69.5350, 19.4562, 106.5248



23.2400, 6.2907, 35.7465

Inverse Universe

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



162.8170, 14.8802, 80.8445



145.0130, 17.7416, 96.4586



210.2770, 16.1324, -87.9429



119.6850, 1.1413, 7.2923



69.5350, 19.4562, 106.5248



23.2400, 6.2907, 35.7465

Previews

White Background



This preview shows how the YUV color 162.8170, 14.8802, 80.8445 looks on a white background.

Color Contrast Check

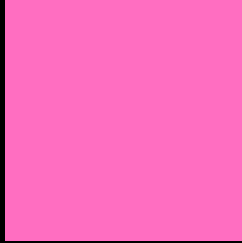
Large Text (above 18pt) WCAG AA × Fail

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 162.8170, 14.8802, 80.8445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

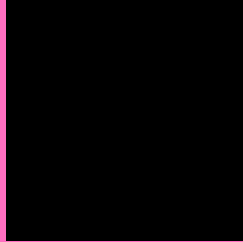
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 162.8170, 14.8802, 80.8445

Background



This preview shows how black text looks on a background with the YUV color 162.8170, 14.8802, 80.8445.



This preview shows how white text looks on a background with the YUV color 162.8170, 14.8802, 80.8445.

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

162.8170, 14.8802, 80.8445

Protanopia

162.4840, 32.7924, -17.9645

Deuteranopia

164.0680, 10.3195, 3.4484



Tritanopia

162.2870, -14.9315, 76.0473

Trichromacy



Original Color

162.8170, 14.8802, 80.8445



Protanomaly

162.6950, 26.2794, 17.8075



Deuteranomaly

163.9990, 11.8325, 31.5729



Tritanomaly

162.4580, -4.1698, 77.6513

Monochromacy



Original Color

162.8170, 14.8802, 80.8445



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

162.9680, 5.4388, 28.9691

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.8170, 14.8802, 80.8445 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(255, 110, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 193)  
}
```

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(255, 110, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 193) }
```

Border

The CSS property to change the border of an element to YUV 162.8170, 14.8802, 80.8445 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(255, 110, 193) }
```


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

```
.border{ border-color:rgb(255, 110, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 110, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 110, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 110, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 110,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 162.8170, 14.8802, 80.8445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 110, 193) }
```

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

```
.background{ background-color: rgb(255,  
110, 193) }
```

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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