

Converting Colors

YUV(146.0680, 34.4765,
95.5334)

Have a look what the booklet for
YUV(146.0680, 34.4765, 95.5334)
contains.

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Color

**YUV(146.0680, 34.4765,
95.5334)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4DD8
RGB	255, 77, 216
RGB Percent	100%, 30%, 85%
CMY	0.0000, 0.6980, 0.1529
CMYK	0.00, 0.70, 0.15, 0.00
HSL	313°, 100%, 65%
HSV	313°, 70%, 100%
XYZ	56.2885, 31.5256, 68.0841
YIQ	146.0680, 61.4690, 80.9650

Conversions

Conversions Part 2

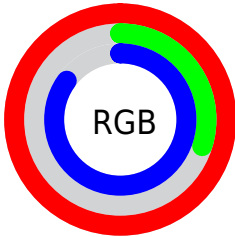
Format	Color
R_{YB}	255, 77, 216
Decimal	16731608
CIE _{Lab}	62.95, 79.59, -34.91
CIE _{LCh}	63, 86.906, 336.319
Yxy	31.5256, 0.3611, 0.2022
Android (android.graphics.Color)	4294921688 (0xFFFF4DD8)
YUV	146.0680, 34.4765, 95.5334
Hunter-Lab	56.1477, 80.6894, -32.5910

Details

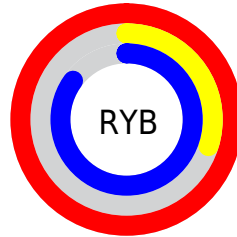
The YUV color **146.0680, 34.4765, 95.5334** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **185.9320, -34.4765, -95.5334**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.9080, 33.5694, 59.7167**, and **76.3600, 41.7275, 103.1703** is the 20% darker color. If you saturate the color by 10%, you get **130.7090, 39.0905, 109.0032**, and if you desaturate by 10%, it is **162.0140, 29.5731, 81.5487**.

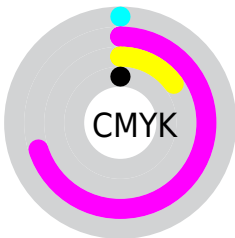
Distribution



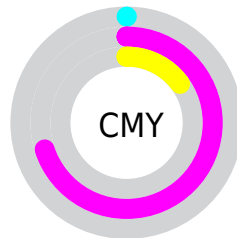
- Red (100%)
- Green (30%)
- Blue (85%)



- Red (100%)
- Yellow (30%)
- Blue (85%)



- Cyan (0%)
- Magenta (70%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 146.0680, 34.4765, 95.5334 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 146.0680, 34.4765, 95.5334 by changing the saturation by 10% instead.


 146.0680, 34.4765,
95.5334


 146.0680, 34.4765,
95.5334


255.0000, 0.0000,
0.0000


 111.3010, 37.8126,
98.8370


 186.9080, 33.5694,
59.7167

 76.3600, 41.7275,
103.1703


 204.5180, 24.8876,
44.2727


 64.6110, 34.2088,
88.0412

 222.1280, 16.2059,
28.8287

 52.7910, 27.7110,
72.0973

 239.7380, 7.5242,
13.3848

 41.2700, 21.0659,
56.7682

 30.4610, 14.5627,
42.5687

 19.2820, 9.2280,

26.9397

■ 4.4720, 4.2043,
4.8481

■ 0.0000, 0.0000,
0.0000

■ 146.0680, 34.4765,
95.5334

■ 146.0680, 34.4765,
95.5334

■ 130.7090, 39.0905,
109.0032

■ 162.0140, 29.5731,
81.5487

■ 114.8770, 44.4306,
122.8879

■ 177.2590, 24.5223,
68.1789

■ 99.5180, 49.0446,
136.3577

■ 193.2050, 19.6189,
54.1942

■ 98.9310, 49.3340,
136.8725

■ 208.4500, 14.5682,
40.8244

■ 224.3960, 9.6648,
26.8397

■ 239.7550, 5.0508,
13.3699

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.



152.1010, 50.7292, 15.6974



146.0680, 34.4765, 95.5334



120.8540, 8.9460, 117.6460

Triad

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



146.0680, 34.4765, 95.5334



141.5160, -69.7674, 24.1035



136.2970, 52.6046, -119.5325

Complementary

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



146.0680, 34.4765, 95.5334



185.9320, -34.4765, -95.5334

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.



128.2200, 19.1185, -112.4489



146.0680, 34.4765, 95.5334



126.6670, -62.4468, -37.4190

Square

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



146.0680, 34.4765, 95.5334



142.1560, -70.0829, 78.7932



116.6380, -15.1045, -102.2915



132.9690, 60.1613, -116.6138

Rectangle

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



146.0680, 34.4765, 95.5334



126.3070, -18.3924, 112.8638



116.6380, -15.1045, -102.2915



134.1480, 41.8320, -117.6478

Sweetspot

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



146.0680, 34.4765, 95.5334



221.9340, 10.3855, 28.9989



108.9530, 72.0012, 6.1802



108.4180, 6.2029, 17.1734



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.



146.0680, 34.4765, 95.5334



124.0240, 41.4002, 114.8660



135.9220, -4.3985, 104.4314



120.0270, 2.4517, 6.9923



74.0950, 36.9282, 102.5257



24.8360, 12.4059, 34.3468

Inverse Universe

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



146.0680, 34.4765, 95.5334



124.0240, 41.4002, 114.8660



196.0780, 4.3985, -104.4314



120.0270, 2.4517, 6.9923



74.0950, 36.9282, 102.5257



24.8360, 12.4059, 34.3468

Previews

White Background



This preview shows how the YUV color 146.0680, 34.4765, 95.5334 looks on a white background.

Color Contrast Check

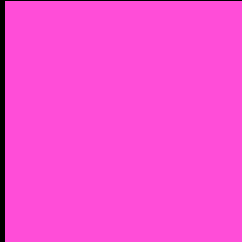
Large Text (above 18pt) WCAG AA × Fail

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 146.0680, 34.4765, 95.5334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

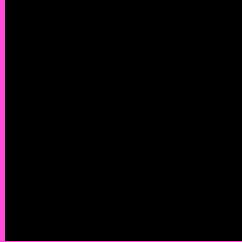
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 146.0680, 34.4765, 95.5334

Background



This preview shows how black text looks on a background with the YUV color 146.0680, 34.4765, 95.5334.



This preview shows how white text looks on a background with the YUV color 146.0680, 34.4765,

95.5334.

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

146.0680, 34.4765, 95.5334

Protanopia

148.8250, 52.3443, -35.8035

Deuteranopia

152.6820, 25.7928, -12.8761



Tritanopia

149.7610, -17.1372, 83.5246

Trichromacy



Original Color

146.0680, 34.4765, 95.5334



Protanomaly

147.8140, 45.9407, 11.5641



Deuteranomaly

150.1460, 29.0150, 27.0590



Tritanomaly

148.7180, 1.6180, 87.9473

Monochromacy



Original Color

146.0680, 34.4765, 95.5334



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

146.1350, 12.2584, 34.9616

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.0680, 34.4765, 95.5334 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, 77, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 216)  
}
```

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, 77, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 216) }
```

Border

The CSS property to change the border of an element to YUV 146.0680, 34.4765, 95.5334 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, 77, 216) }
```


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

```
.border{ border-color:rgb(255, 77, 216) }
```

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

Here you see how a box with a 4 pixel rgb(255, 77, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 146.0680, 34.4765, 95.5334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 77, 216) }
```

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

```
.background{ background-color: rgb(255, 77,  
216) }
```

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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