

Converting Colors

YUV(145.3950, 28.3993,
84.7226)

Have a look what the booklet for
YUV(145.3950, 28.3993, 84.7226)
contains.

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Color

**YUV(145.3950, 28.3993,
84.7226)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F255CB |
| RGB | 242, 85, 203 |
| RGB Percent | 95%, 33%, 80% |
| CMY | 0.0510, 0.6667, 0.2039 |
| CMYK | 0.00, 0.65, 0.16, 0.05 |
| HSL | 315°, 86%, 64% |
| HSV | 315°, 65%, 95% |
| XYZ | 50.6459, 29.6860, 59.5606 |
| YIQ | 145.3950, 55.6940, 69.9820 |

Conversions

Conversions Part 2

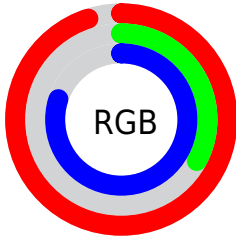
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 242, 85, 203 |
| Decimal | 15881675 |
| CIE Lab | 61.38, 71.81, -30.15 |
| CIE LCh | 61, 77.885, 337.226 |
| Yxy | 29.6860, 0.3620, 0.2122 |
| Android (android.graphics.Color) | 4294071755 (0xFFFF255CB) |
| YUV | 145.3950, 28.3993, 84.7226 |
| Hunter-Lab | 54.4849, 70.5745, -26.6739 |

Details

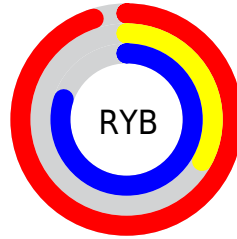
The YUV color **145.3950, 28.3993, 84.7226** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **181.6050, -28.3993, -84.7226**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.8430, 32.1224, 57.1427**, and **71.4040, 38.2548, 96.9927** is the 20% darker color. If you saturate the color by 10%, you get **130.6230, 32.7239, 97.6776**, and if you desaturate by 10%, it is **160.1670, 24.0747, 71.7675**.

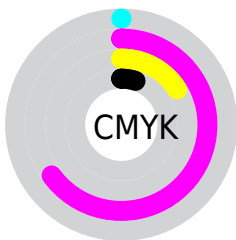
Distribution



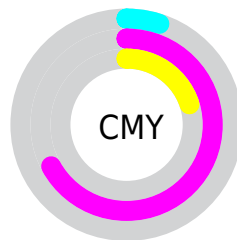
- Red (95%)
- Green (33%)
- Blue (80%)



- Red (95%)
- Yellow (33%)
- Blue (80%)



- Cyan (0%)
- Magenta (65%)
- Yellow (16%)
- Black (5%)





- Cyan (5%)
- Magenta (67%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 145.3950, 28.3993, 84.7226 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 145.3950, 28.3993, 84.7226 by changing the saturation by 10% instead.


 145.3950, 28.3993,
84.7226


 145.3950, 28.3993,
84.7226

255.0000, 0.0000,
0.0000


 114.4490, 29.8516,
85.5522


 189.8430, 32.1224,
57.1427


 71.4040, 38.2548,
96.9927


 206.8660, 23.7301,
42.2135

 59.6550, 30.7361,
81.8636

 223.8890, 15.3377,
27.2843

 48.1340, 24.0909,
66.5345

 241.4990, 6.6560,
11.8404

 37.0260, 17.7352,
51.7202

 26.6300, 11.5214,
38.0355

 15.4510, 6.1867,

22.4065

■ 0.0000, 0.0000,
0.0000

■ 145.3950, 28.3993,
84.7226

■ 145.3950, 28.3993,
84.7226

■ 130.6230, 32.7239,
97.6776

■ 160.1670, 24.0747,
71.7675

■ 115.8510, 37.0485,
110.6327

■ 174.9390, 19.7501,
58.8125

■ 100.4920, 41.6624,
124.1025

■ 190.2980, 15.1361,
45.3427

■ 93.1060, 43.8247,
130.5800

■ 205.0700, 10.8115,
32.3876

■ 219.8420, 6.4869,
19.4326

234.6140, 2.1623,
6.4775

249.3860, -2.1623,
-6.4775

250.6570, 0.1691,
-7.5922

251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



150.6280, 51.4554, 16.1122



145.3950, 28.3993, 84.7226



130.9640, 1.9897, 108.7796

Triad

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



145.3950, 28.3993, 84.7226



137.3740, -67.7254, 22.4740



130.7060, 48.9519, -114.6292

Complementary

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



145.3950, 28.3993, 84.7226



181.6050, -28.3993, -84.7226

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.



123.7690, 19.8339, -108.5454



145.3950, 28.3993, 84.7226



125.0250, -58.6793, -32.4709

Square

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



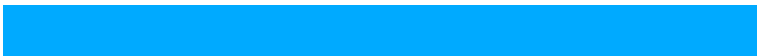
145.3950, 28.3993, 84.7226



139.1550, -68.6034, 70.9011



113.0990, -10.8948, -99.1878



128.8600, 62.1870, -113.0102

Rectangle

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



145.3950, 28.3993, 84.7226



133.4650, -21.4282, 106.5862



113.0990, -10.8948, -99.1878



129.0130, 39.9266, -113.1444

Sweetspot

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



145.3950, 28.3993, 84.7226



225.4560, 8.6492, 25.9101



113.9610, 63.1232, 7.0502



109.4780, 5.1873, 16.2438



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.



145.3950, 28.3993, 84.7226



132.6010, 36.1857, 107.3439



136.7310, -4.7974, 92.3209



112.6140, 2.1623, 6.4775



70.7480, 33.1552, 99.3220



21.5320, 10.0907, 30.2284

Inverse Universe

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



145.3950, 28.3993, 84.7226



132.6010, 36.1857, 107.3439



190.2690, 4.7974, -92.3209



112.6140, 2.1623, 6.4775



70.7480, 33.1552, 99.3220



21.5320, 10.0907, 30.2284

Previews

White Background



This preview shows how the YUV color 145.3950, 28.3993, 84.7226 looks on a white background.

Color Contrast Check

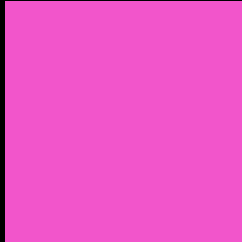
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.3950, 28.3993, 84.7226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

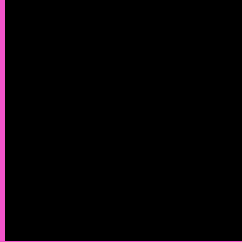
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.3950, 28.3993, 84.7226

Background



This preview shows how black text looks on a background with the YUV color 145.3950, 28.3993, 84.7226.



This preview shows how white text looks on a background with the YUV color 145.3950, 28.3993,

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

145.3950, 28.3993, 84.7226

Protanopia

144.6400, 52.9285, -36.5183

Deuteranopia

149.3790, 21.9982, -9.1024



Tritanopia

147.1730, -15.3683, 76.1473

Trichromacy



Original Color

145.3950, 28.3993, 84.7226



Protanomaly

144.9230, 43.9150, 7.9605



Deuteranomaly

147.8700, 24.2211, 24.6700



Tritanomaly

146.4350, 0.7715, 79.4255

Monochromacy



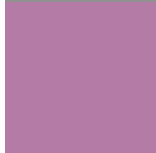
Original Color

145.3950, 28.3993, 84.7226



Achromatopsia

145.0000, 0.0000, 0.0000



Achromatomaly

144.9450, 10.3801, 30.7432

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.3950, 28.3993, 84.7226 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(242, 85, 203)` looks like.

```
.text, #text, p{  
    color:rgb(242, 85, 203)  
}
```

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(242, 85, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 85, 203) }
```

Border

The CSS property to change the border of an element to YUV 145.3950, 28.3993, 84.7226 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(242, 85, 203) }
```


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

```
.border{ border-color:rgb(242, 85, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 85, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 85, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 85, 203);  
box-shadow:4px 4px 4px 4px rgb(242, 85,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 145.3950, 28.3993, 84.7226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 85, 203) }
```

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

```
.background{ background-color: rgb(242, 85,  
203) }
```

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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