

Converting Colors

YUV(139.7970, 32.1451,
96.6480)

Have a look what the booklet for
YUV(139.7970, 32.1451, 96.6480)
contains.

YUV(139.7970, 32.1451, 96.6480)	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(139.7970, 32.1451,
96.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	FA47CD
RGB	250, 71, 205
RGB Percent	98%, 28%, 80%
CMY	0.0196, 0.7216, 0.1961
CMYK	0.00, 0.72, 0.18, 0.02
HSL	315°, 95%, 63%
HSV	315°, 72%, 98%
XYZ	52.6970, 29.2382, 60.6237
YIQ	139.7970, 63.6700, 79.6220

Conversions

Conversions Part 2

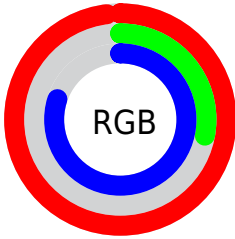
Format	Color
R_{YB}	250, 71, 205
Decimal	16402381
CIE _{Lab}	60.99, 78.90, -31.79
CIE _{LCh}	61, 85.063, 338.054
Yxy	29.2382, 0.3697, 0.2051
Android (android.graphics.Color)	4294592461 (0xFFFA47CD)
YUV	139.7970, 32.1451, 96.6480
Hunter-Lab	54.0724, 79.3330, -28.6228

Details

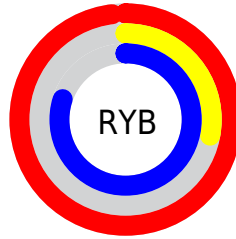
The YUV color **139.7970, 32.1451, 96.6480** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **181.2030, -32.1451, -96.6480**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.9730, 35.0163, 62.2907**, and **73.6110, 37.6598, 101.1962** is the 20% darker color. If you saturate the color by 10%, you get **124.4380, 36.7591, 110.1179**, and if you desaturate by 10%, it is **155.1560, 27.5311, 83.1782**.

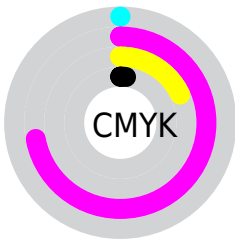
Distribution



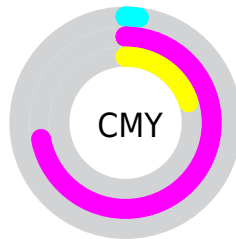
- Red (98%)
- Green (28%)
- Blue (80%)



- Red (98%)
- Yellow (28%)
- Blue (80%)



- Cyan (0%)
- Magenta (72%)
- Yellow (18%)
- Black (2%)




- Cyan (2%)
- Magenta (72%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 139.7970, 32.1451, 96.6480 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 139.7970, 32.1451, 96.6480 by changing the saturation by 10% instead.


 139.7970, 32.1451,
96.6480


 139.7970, 32.1451,
96.6480


255.0000, 0.0000,
0.0000


 103.2690, 36.3494,
101.4961


 183.9730, 35.0163,
62.2907


 73.6110, 37.6598,
101.1962


 200.9960, 26.6240,
47.3615

 61.9760, 30.5778,
85.9670


 218.6060, 17.9422,
31.9175

 50.1560, 24.0801,
70.0232

 236.2160, 9.2605,
16.4736

 38.7490, 17.8717,
54.5941

254.4130, 0.2894,
0.5148

 28.3530, 11.6580,
40.9094

 16.8750, 6.4706,

24.6656

■ 0.0000, 0.0000,
0.0000

■ 139.7970, 32.1451,
96.6480

■ 139.7970, 32.1451,
96.6480

■ 124.4380, 36.7591,
110.1179

■ 155.1560, 27.5311,
83.1782

■ 108.9650, 40.9363,
123.6877


■ 170.6290, 23.3539,
69.6084


■ 96.0680, 44.8295,
134.9984


■ 185.9880, 18.7399,
56.1385

■ 201.3470, 14.1259,
42.6687

■ 216.7060, 9.5119,
29.1988

 232.1790, 5.3348,
15.6290

 247.5380, 0.7208,
2.1592

 253.5050, 0.7370,
-3.0739

Harmonies

Analogous

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



148.2910, 52.6075, 19.9158



139.7970, 32.1451, 96.6480



118.0670, 5.8830, 120.0902

Triad

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



139.7970, 32.1451, 96.6480



136.4770, -67.2832, 20.6297



131.7320, 52.8831, -115.5290

Complementary

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



139.7970, 32.1451, 96.6480



181.2030, -32.1451, -96.6480

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.



124.5840, 20.4181, -109.2602



139.7970, 32.1451, 96.6480



120.7420, -59.5258, -40.9927

Square

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



139.7970, 32.1451, 96.6480



137.6930, -67.8826, 73.0602



113.2300, -12.9314, -99.3027



128.8600, 62.1870, -113.0102

Rectangle

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



139.7970, 32.1451, 96.6480



124.9220, -21.1605, 114.0784



113.2300, -12.9314, -99.3027



129.6970, 42.5474, -113.7443

Sweetspot

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



139.7970, 32.1451, 96.6480



221.8200, 9.9487, 29.0989



104.8610, 71.5535, 9.7689



108.1900, 5.3293, 17.3734



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.



139.7970, 32.1451, 96.6480



120.1770, 39.3527, 118.2398



129.6510, -6.7299, 105.5461



117.0270, 2.4517, 6.9923



72.5850, 33.7286, 102.0960



23.4830, 11.1009, 32.9024

Inverse Universe

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



139.7970, 32.1451, 96.6480



120.1770, 39.3527, 118.2398



191.3490, 6.7299, -105.5461



117.0270, 2.4517, 6.9923



72.5850, 33.7286, 102.0960



23.4830, 11.1009, 32.9024

Previews

White Background



This preview shows how the YUV color 139.7970, 32.1451, 96.6480 looks on a white background.

Color Contrast Check

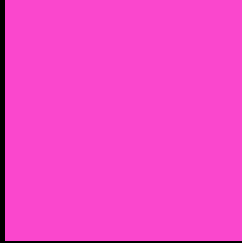
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.7970, 32.1451, 96.6480 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 139.7970, 32.1451, 96.6480

Background



This preview shows how black text looks on a background with the YUV color 139.7970, 32.1451, 96.6480.



This preview shows how white text looks on a background with the YUV color 139.7970, 32.1451, 96.6480.

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

139.7970, 32.1451, 96.6480

Protanopia

142.9000, 55.2653, -39.3773

Deuteranopia

147.8950, 22.7298, -10.4319



Tritanopia

143.6580, -17.5794, 85.3689

Trichromacy



Original Color

139.7970, 32.1451, 96.6480



Protanomaly

141.4440, 47.1091, 10.1346



Deuteranomaly

144.7610, 26.2468, 28.2736



Tritanomaly

142.0880, 0.4496, 89.3768

Monochromacy



Original Color

139.7970, 32.1451, 96.6480



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

140.0210, 11.8216, 35.0616

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.7970, 32.1451, 96.6480 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(250, 71, 205)` looks like.

```
.text, #text, p{  
    color:rgb(250, 71, 205)  
}
```

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(250, 71, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 71, 205) }
```

Border

The CSS property to change the border of an element to YUV 139.7970, 32.1451, 96.6480 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(250, 71, 205) }
```


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

```
.border{ border-color:rgb(250, 71, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 71, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 71, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 71, 205);  
box-shadow:4px 4px 4px 4px rgb(250, 71,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 139.7970, 32.1451, 96.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 71, 205) }
```

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

```
.background{ background-color: rgb(250, 71,  
205) }
```

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