

Converting Colors

YUV(133.5640, 32.2599,
106.4994)

Have a look what the booklet for
YUV(133.5640, 32.2599, 106.4994)
contains.

YUV(133.5640, 32.2599, 106.4994)	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(133.5640, 32.2599,
106.4994)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3BC7
RGB	255, 59, 199
RGB Percent	100%, 23%, 78%
CMY	0.0000, 0.7686, 0.2196
CMYK	0.00, 0.77, 0.22, 0.00
HSL	317°, 100%, 62%
HSV	317°, 77%, 100%
XYZ	53.1128, 28.5115, 56.7367
YIQ	133.5640, 71.8760, 85.0920

Conversions

Conversions Part 2

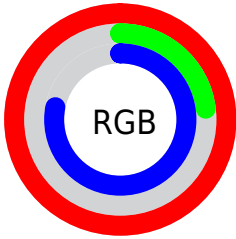
Format	Color
RYB	255, 59, 199
Decimal	16726983
CIELab	60.35, 82.75, -29.31
CIElCh	60, 87.785, 340.498
Yxy	28.5115, 0.3839, 0.2061
Android (android.graphics.Color)	4294917063 (0xFFFF3BC7)
YUV	133.5640, 32.2599, 106.4994
Hunter-Lab	53.3961, 84.1096, -25.6221

Details

The YUV color **133.5640, 32.2599, 106.4994** 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 **180.4360, -32.2599, -106.4994**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.6900, 37.6208, 66.9239**, and **74.5360, 34.7388, 104.7699** is the 20% darker color. If you saturate the color by 10%, you get **117.5040, 36.7265, 120.5840**, and if you desaturate by 10%, it is **149.6240, 27.7934, 92.4148**.

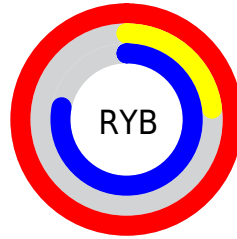
Distribution



Red (100%)

Green (23%)

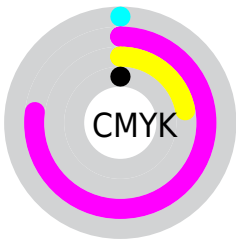
Blue (78%)



Red (100%)

Yellow (23%)

Blue (78%)

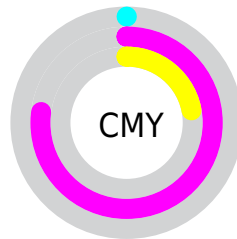


Cyan (0%)

Magenta (77%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (77%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.5640, 32.2599, 106.4994 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 133.5640, 32.2599, 106.4994 by changing the saturation by 10% instead.


 133.5640, 32.2599,
106.4994

 133.5640, 32.2599,
106.4994


255.0000, 0.0000,
0.0000


 86.5840, 42.1101,
120.5138


 178.6900, 37.6208,
66.9239


 74.5360, 34.7388,
104.7699


 196.8870, 28.6497,
50.9651

 62.6020, 27.8042,
88.9260


 214.4970, 19.9680,
35.5211

 50.7820, 21.3065,
72.9822

 232.1070, 11.2862,
20.0772

 39.3750, 15.0981,
57.5531

 250.3040, 2.3151,
4.1184

 28.3810, 9.1792,
42.6389

 16.9030, 3.9918,

26.3951

■ 0.0000, 0.0000,
0.0000

■ 133.5640, 32.2599,
106.4994

■ 133.5640, 32.2599,
106.4994

■ 117.5040, 36.7265,
120.5840

■ 149.6240, 27.7934,
92.4148

■ 101.9170, 40.4669,
134.2538

■ 165.2110, 24.0530,
78.7450

■ 96.9930, 41.9085,
138.5721

■ 181.2710, 19.5864,
64.6603

■ 196.7440, 15.4092,
51.0905

■ 212.8040, 10.9426,
37.0059

■ 228.3910, 7.2022,
23.3361

■ 244.4510, 2.7357,
9.2515

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.



147.1610, 53.1646, 27.9228



133.5640, 32.2599, 106.4994



109.5240, 6.1507, 127.5825

Triad

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



133.5640, 32.2599, 106.4994



133.7860, -65.9565, 15.0967



131.8290, 55.7933, -115.6140

Complementary

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



133.5640, 32.2599, 106.4994



180.4360, -32.2599, -106.4994

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.



124.0940, 23.6177, -108.8304



133.5640, 32.2599, 106.4994



114.7730, -56.5831, -51.5439

Square

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



133.5640, 32.2599, 106.4994



136.1980, -67.1456, 69.9864



112.9850, -11.3316, -99.0878



127.6860, 62.7658, -111.9806

Rectangle

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



133.5640, 32.2599, 106.4994



121.4340, -24.3710, 117.1374



112.9850, -11.3316, -99.0878



129.9080, 45.8944, -113.9293

Sweetspot

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



133.5640, 32.2599, 106.4994



218.4290, 9.6485, 32.0728



98.0880, 77.3576, 14.8318



105.6140, 5.6133, 19.6325



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.



133.5640, 32.2599, 106.4994



109.4170, 38.7414, 127.6763



122.3920, -10.5463, 116.2972



119.9130, 2.0149, 7.0923



72.7270, 31.6866, 103.7254



24.3800, 10.6587, 34.7467

Inverse Universe

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



133.5640, 32.2599, 106.4994



109.4170, 38.7414, 127.6763



191.6080, 10.5463, -116.2972



119.9130, 2.0149, 7.0923



72.7270, 31.6866, 103.7254



24.3800, 10.6587, 34.7467

Previews

White Background



This preview shows how the YUV color 133.5640, 32.2599, 106.4994 looks on a white background.

Color Contrast Check

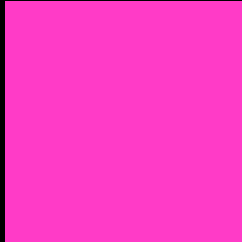
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.5640, 32.2599, 106.4994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

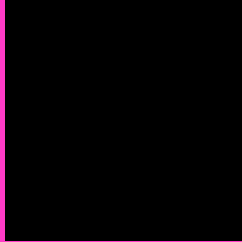
Any Text WCAG AA ✓ Pass

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 133.5640, 32.2599, 106.4994 Background



This preview shows how black text looks on a background with the YUV color 133.5640, 32.2599, 106.4994.



This preview shows how white text looks on a background with the YUV color 133.5640, 32.2599, 106.4994.

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

133.5640, 32.2599, 106.4994

Protanopia

140.5300, 56.4337, -40.8068

Deuteranopia

146.3360, 20.5404, -8.1877



Tritanopia

139.7300, -20.0799, 94.0758

Trichromacy



Original Color

133.5640, 32.2599, 106.4994



Protanomaly

138.2810, 47.6825, 12.9086



Deuteranomaly

141.4520, 24.9202, 33.8066



Tritanomaly

137.6870, -1.3247, 98.4985

Monochromacy



Original Color

133.5640, 32.2599, 106.4994



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

134.0430, 11.8108, 38.5503

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.5640, 32.2599, 106.4994 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, 59, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 59, 199)  
}
```

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, 59, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 59, 199) }
```

Border

The CSS property to change the border of an element to YUV 133.5640, 32.2599, 106.4994 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, 59, 199) }
```


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

```
.border{ border-color:rgb(255, 59, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 59, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 59, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 59, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 59,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 133.5640, 32.2599, 106.4994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 59, 199) }
```

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

```
.background{ background-color: rgb(255, 59,  
199) }
```

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