

Converting Colors

YUV(155.3340, 14.1323,
87.4071)

Have a look what the booklet for
YUV(155.3340, 14.1323, 87.4071)
contains.

YUV(155.3340, 14.1323, 87.4071)	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(155.3340, 14.1323,
87.4071)**

Conversions

Conversions Part 1

Format	Color
Hex	FF63B8
RGB	255, 99, 184
RGB Percent	100%, 39%, 72%
CMY	0.0000, 0.6118, 0.2784
CMYK	0.00, 0.61, 0.28, 0.00
HSL	327°, 100%, 69%
HSV	327°, 61%, 100%
XYZ	54.3536, 33.6444, 48.9767
YIQ	155.3340, 65.6910, 59.5070

Conversions

Conversions Part 2

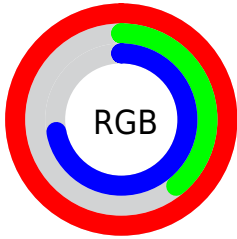
Format	Color
R _Y B	255, 99, 184
Decimal	16737208
CIE Lab	64.68, 67.26, -14.14
CIE LCh	65, 68.732, 348.130
Yxy	33.6444, 0.3968, 0.2456
Android (android.graphics.Color)	4294927288 (0xFFFF63B8)
YUV	155.3340, 14.1323, 87.4071
Hunter-Lab	58.0038, 65.7603, -9.4601

Details

The YUV color **155.3340, 14.1323, 87.4071** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **198.6660, -14.1323, -87.4071**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.7640, 21.8083, 51.9500**, and **92.8980, 18.7843, 88.6665** is the 20% darker color. If you saturate the color by 10%, you get **138.7040, 16.4149, 101.9916**, and if you desaturate by 10%, it is **171.3770, 12.1391, 73.3374**.

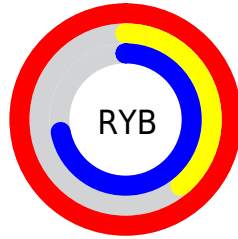
Distribution



Red (100%)

Green (39%)

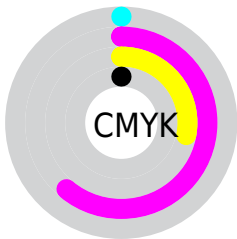
Blue (72%)



Red (100%)

Yellow (39%)

Blue (72%)

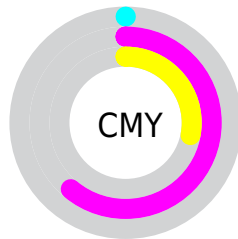


Cyan (0%)

Magenta (61%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (61%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YUV color 155.3340, 14.1323, 87.4071 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 155.3340, 14.1323, 87.4071 by changing the saturation by 10% instead.


 155.3340, 14.1323,
87.4071


 155.3340, 14.1323,
87.4071

255.0000, 0.0000,
0.0000


 125.6760, 15.4427,
87.1071


 195.7640, 21.8083,
51.9500


 92.8980, 18.7843,
88.6665

 214.4970, 19.9680,
35.5211


 61.4190, 21.9784,
90.8405

 231.5200, 11.5756,
20.5920

 50.0120, 15.7701,
75.4115

 249.1300, 2.8939,
5.1480

 38.6050, 9.5617,
59.9824

 27.8390, 4.5164,
44.8682

 17.1440, -1.5500,

30.5687

■ 0.8970, -0.4422,
1.8443

■ 0.0000, 0.0000,
0.0000

■ 155.3340, 14.1323,
87.4071

■ 155.3340, 14.1323,
87.4071

■ 138.7040, 16.4149,
101.9916

■ 171.3770, 12.1391,
73.3374

■ 122.7750, 18.8449,
115.9613

■ 187.8930, 9.4198,
58.8528

■ 106.1450, 21.1275,
130.5458

■ 204.5230, 7.1372,
44.2683

■ 92.0910, 23.1261,
142.8712

■ 220.4520, 4.7072,
30.2986

■ 237.0820, 2.4246,
15.7141

■ 253.1250, 0.4314,
1.6444

■ 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.



161.1550, 38.8706, 39.3291



155.3340, 14.1323, 87.4071



147.6790, -12.6597, 94.1205

Triad

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



155.3340, 14.1323, 87.4071



143.7850, -64.4770, 7.2046



134.9920, 55.2199, -118.3880

Complementary

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



155.3340, 14.1323, 87.4071



198.6660, -14.1323, -87.4071

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.



131.1840, 30.4753, -115.0484



155.3340, 14.1323, 87.4071



134.7770, -32.4281, -52.4244

Square

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



155.3340, 14.1323, 87.4071



148.7180, -65.9230, 51.1133



122.8280, 3.5358, -107.7202



129.4470, 61.8976, -113.5250

Rectangle

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



155.3340, 14.1323, 87.4071



150.9780, -33.0202, 91.2273



122.8280, 3.5358, -107.7202



134.3420, 47.6524, -117.8179

Sweetspot

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



155.3340, 14.1323, 87.4071



225.6040, 4.1392, 25.7803



137.7140, 57.8220, 27.4378



109.4950, 2.7140, 16.2289



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.



155.3340, 14.1323, 87.4071



136.1280, 16.6989, 104.2507



146.5560, -19.5011, 95.1054



119.6850, 1.1413, 7.2923



68.9650, 17.2723, 107.0247



23.1260, 5.8539, 35.8465

Inverse Universe

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



155.3340, 14.1323, 87.4071



136.1280, 16.6989, 104.2507



207.4440, 19.5011, -95.1054



119.6850, 1.1413, 7.2923



68.9650, 17.2723, 107.0247



23.1260, 5.8539, 35.8465

Previews

White Background



This preview shows how the YUV color 155.3340, 14.1323, 87.4071 looks on a white background.

Color Contrast Check

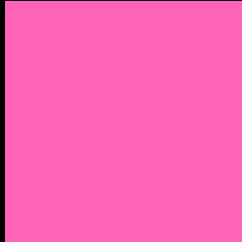
Large Text (above 18pt) WCAG AA × Fail

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 155.3340, 14.1323, 87.4071 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 155.3340, 14.1323, 87.4071

Background



This preview shows how black text looks on a background with the YUV color 155.3340, 14.1323, 87.4071.



This preview shows how white text looks on a background with the YUV color 155.3340, 14.1323, 87.4071.

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

155.3340, 14.1323, 87.4071

Protanopia

157.0710, 32.5030, -18.4793

Deuteranopia

158.9110, 8.4249, 4.4631



Tritanopia

155.4620, -16.9898, 82.9098

Trichromacy



Original Color

155.3340, 14.1323, 87.4071



Protanomaly

156.5920, 25.8371, 19.6518



Deuteranomaly

157.3800, 10.6587, 34.7467



Tritanomaly

155.7470, -5.7913, 84.4139

Monochromacy



Original Color

155.3340, 14.1323, 87.4071



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

155.2780, 5.2859, 31.3282

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.3340, 14.1323, 87.4071 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, 99, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 99, 184)  
}
```

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, 99, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 99, 184) }
```

Border

The CSS property to change the border of an element to YUV 155.3340, 14.1323, 87.4071 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, 99, 184) }
```


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

```
.border{ border-color:rgb(255, 99, 184) }
```

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

Here you see how a box with a 4 pixel rgb(255, 99, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 99, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 99, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 99,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 155.3340, 14.1323, 87.4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 99, 184) }
```

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

```
.background{ background-color: rgb(255, 99,  
184) }
```

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