

Converting Colors

YUV(156.5590, 6.1334, 86.3328)

Have a look what the booklet for
YUV(156.5590, 6.1334, 86.3328)
contains.

YUV(156.5590, 6.1334, 86.3328)	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(156.5590, 6.1334,
86.3328)**

Conversions

Conversions Part 1

Format	Color
Hex	FF68A9
RGB	255, 104, 169
RGB Percent	100%, 41%, 66%
CMY	0.0000, 0.5922, 0.3373
CMYK	0.00, 0.59, 0.34, 0.00
HSL	334°, 100%, 70%
HSV	334°, 59%, 100%
XYZ	53.3517, 34.0252, 41.2917
YIQ	156.5590, 69.1310, 52.2270

Conversions

Conversions Part 2

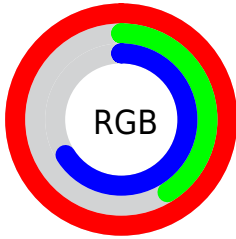
Format	Color
R_{YB}	255, 104, 169
Decimal	16738473
CIE _{Lab}	64.98, 63.39, -5.14
CIE _{LCh}	65, 63.597, 355.364
Yxy	34.0252, 0.4146, 0.2644
Android (android.graphics.Color)	4294928553 (0xFFFF68A9)
YUV	156.5590, 6.1334, 86.3328
Hunter-Lab	58.3311, 61.1831, -1.1387

Details

The YUV color **156.5590, 6.1334, 86.3328** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **202.4410, -6.1334, -86.3328**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.2880, 13.6620, 51.4904**, and **96.5850, 10.0646, 85.4330** is the 20% darker color. If you saturate the color by 10%, you get **140.1740, 6.8162, 100.7024**, and if you desaturate by 10%, it is **173.5310, 5.1612, 71.4483**.

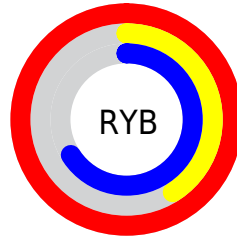
Distribution



Red (100%)

Green (41%)

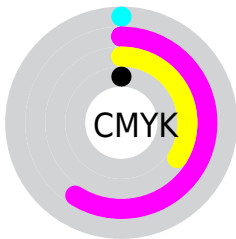
Blue (66%)



Red (100%)

Yellow (41%)

Blue (66%)

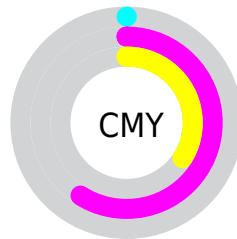


Cyan (0%)

Magenta (59%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (59%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.5590, 6.1334, 86.3328 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 156.5590, 6.1334, 86.3328 by changing the saturation by 10% instead.


 156.5590, 6.1334,
86.3328


 156.5590, 6.1334,
86.3328


255.0000, 0.0000,
0.0000


 127.3030, 7.7386,
84.8033


 196.2880, 13.6620,
51.4904

 96.5850, 10.0646,
85.4330

 216.6170, 17.9368,
33.6619


 59.8230, 15.8633,
92.2402

 233.8680, 10.4181,
18.5328

 48.2310, 10.2391,
76.0964

 251.4780, 1.7363,
3.0888

 37.0520, 4.9044,
60.4674

 26.2860, -0.1410,
45.3532

 15.4770, -6.6442,

31.1537

■ 0.0000, 0.0000,
0.0000

■ 156.5590, 6.1334,
86.3328

■ 156.5590, 6.1334,
86.3328

■ 140.1740, 6.8162,
100.7024

■ 173.5310, 5.1612,
71.4483

■ 123.3160, 8.2252,
115.4869

■ 189.8020, 4.0416,
57.1786

■ 106.3440, 9.1974,
130.3713

■ 206.1870, 3.3588,
42.8090

■ 90.0730, 10.3170,
144.6410

■ 223.0450, 1.9498,
28.0245

■ 88.7850, 10.4590,
145.7706

■ 240.0170, 0.9776,
13.1401

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.



161.6310, 30.2549, 49.4356



156.5590, 6.1334, 86.3328



152.4090, -19.9216, 89.9723

Triad

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



156.5590, 6.1334, 86.3328



145.9650, -50.7617, -5.2313



133.6870, 57.8353, -117.2435

Complementary

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



156.5590, 6.1334, 86.3328



202.4410, -6.1334, -86.3328

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.



131.3780, 36.2956, -115.2185



156.5590, 6.1334, 86.3328



133.1590, -21.7704, -64.1604

Square

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



156.5590, 6.1334, 86.3328



150.6500, -59.4804, 38.0180



124.7660, 10.9614, -109.4198



127.0990, 63.0552, -111.4658

Rectangle

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



156.5590, 6.1334, 86.3328



154.1740, -37.0608, 80.5314



124.7660, 10.9614, -109.4198



133.9660, 51.2888, -117.4882

Sweetspot

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



156.5590, 6.1334, 86.3328



225.0340, 1.9552, 26.2802



146.9280, 53.2795, 37.7741



109.1530, 1.4036, 16.5288



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.



156.5590, 6.1334, 86.3328



137.0110, 7.3896, 103.4764



155.0190, -25.1524, 87.6833



119.4570, 0.2677, 7.4922



66.4570, 7.6627, 109.2242



22.2140, 2.3595, 36.6463

Inverse Universe

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



156.5590, 6.1334, 86.3328



137.0110, 7.3896, 103.4764



203.9810, 25.1524, -87.6833



119.4570, 0.2677, 7.4922



66.4570, 7.6627, 109.2242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 156.5590, 6.1334, 86.3328 looks on a white background.

Color Contrast Check

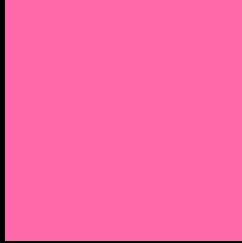
Large Text (above 18pt) WCAG AA × Fail

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 156.5590, 6.1334, 86.3328 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 156.5590, 6.1334, 86.3328

Background



This preview shows how black text looks on a background with the YUV color 156.5590, 6.1334, 86.3328.



This preview shows how white text looks on a background with the YUV color 156.5590, 6.1334,

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

156.5590, 6.1334, 86.3328

Protanopia

158.3680, 22.0036, -10.8467

Deuteranopia

159.5930, 0.6937, 10.8809



Tritanopia

155.8750, -16.7004, 83.4246

Trichromacy



Original Color

156.5590, 6.1334, 86.3328



Protanomaly

157.8070, 16.3641, 24.7253



Deuteranomaly

158.3390, 2.7909, 38.2907



Tritanomaly

155.7640, -8.2647, 84.3990

Monochromacy



Original Color

156.5590, 6.1334, 86.3328



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

157.0670, 1.9390, 31.5132

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.5590, 6.1334, 86.3328 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, 104, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 104, 169)  
}
```

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, 104, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 104, 169) }
```

Border

The CSS property to change the border of an element to YUV 156.5590, 6.1334, 86.3328 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, 104, 169) }
```


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

```
.border{ border-color:rgb(255, 104, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 104, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 104, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 104, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 104,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 156.5590, 6.1334, 86.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 104, 169) }
```

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

```
.background{ background-color: rgb(255,  
104, 169) }
```

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