

Converting Colors

YUV(153.9440, 15.3106,
36.0061)

Have a look what the booklet for
YUV(153.9440, 15.3106, 36.0061)
contains.

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Color

**YUV(153.9440, 15.3106,
36.0061)**

Conversions

Conversions Part 1

Format	Color
Hex	C37FB9
RGB	195, 127, 185
RGB Percent	76%, 50%, 73%
CMY	0.2353, 0.5020, 0.2745
CMYK	0.00, 0.35, 0.05, 0.24
HSL	309°, 36%, 63%
HSV	309°, 35%, 76%
XYZ	38.8520, 30.2836, 49.6965
YIQ	153.9440, 21.9100, 32.4540

Conversions

Conversions Part 2

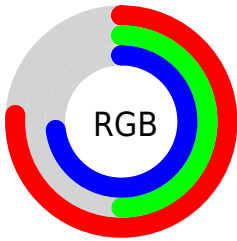
Format	Color
R _Y B	195, 127, 185
Decimal	12812217
CIE Lab	61.90, 35.31, -19.68
CIE LCh	62, 40.421, 330.865
Yxy	30.2836, 0.3269, 0.2548
Android (android.graphics.Color)	4291002297 (0xFFC37FB9)
YUV	153.9440, 15.3106, 36.0061
Hunter-Lab	55.0306, 29.7189, -15.0217

Details

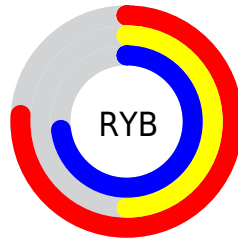
The YUV color **153.9440, 15.3106, 36.0061** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **168.0560, -15.3106, -36.0061**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.0690, 15.7420, 37.6505**, and **101.5200, 15.0266, 33.7470** is the 20% darker color. If you saturate the color by 10%, you get **142.4490, 19.4986, 46.0872**, and if you desaturate by 10%, it is **166.0260, 10.8332, 25.4102**.

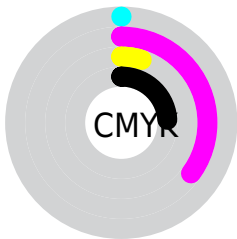
Distribution



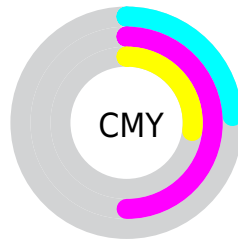
- Red (76%)
- Green (50%)
- Blue (73%)



- Red (76%)
- Yellow (50%)
- Blue (73%)



- Cyan (0%)
- Magenta (35%)
- Yellow (5%)
- Black (24%)



- Cyan (24%)
- Magenta (50%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.9440, 15.3106, 36.0061 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 153.9440, 15.3106, 36.0061 by changing the saturation by 10% instead.

■ 153.9440, 15.3106,
36.0061

■ 153.9440, 15.3106,
36.0061

255.0000, 0.0000,
0.0000

■ 127.2320, 15.1686,
34.8765

■ 209.0690, 15.7420,
37.6505

■ 101.5200, 15.0266,
33.7470

■ 227.9980, 13.3120,
23.6808

■ 76.6940, 14.4479,
32.7174

■ 244.4340, 5.2090,
9.2664

■ 51.5090, 15.0321,
32.0026

■ 25.5630, 16.4844,
32.8322

■ 16.7760, 9.9704,
22.1214

■ 1.5960, 6.1152,

-1.3997

0.0000, 0.0000,
0.0000

153.9440, 15.3106,
36.0061

153.9440, 15.3106,
36.0061

142.4490, 19.4986,
46.0872

166.0260, 10.8332,
25.4102

130.3670, 23.9761,
56.6831

177.5210, 6.6451,
15.3291

118.8720, 28.1641,
66.7643

189.6030, 2.1677,
4.7332

106.9040, 33.0783,
77.2602

200.9840, -2.4571,
-5.2480

95.4090, 37.2664,
87.3413

213.0660, -6.9345,
-15.8439

■ 83.3270, 41.7438,
97.9372

■ 224.5610,
-11.1226, -25.9250

■ 77.2290, 43.7641,
103.2852

■ 231.3600,
-12.9955, -31.8877

■ 231.7020,
-11.6851, -32.1877

■ 232.0440,
-10.3747, -32.4876

Harmonies

Analogous

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



152.2800, 28.9490, 1.5084



153.9440, 15.3106, 36.0061



152.1240, -1.0471, 56.0193

Triad

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



153.9440, 15.3106, 36.0061



146.6690, -34.8398, 21.3383



119.1190, 32.4793, -104.4674

Complementary

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



153.9440, 15.3106, 36.0061



168.0560, -15.3106, -36.0061

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.



118.2930, 15.1386, -95.8500



153.9440, 15.3106, 36.0061



142.6160, -27.9117, -7.5562

Square

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



153.9440, 15.3106, 36.0061



149.0770, -30.1110, 44.6595



136.3480, -11.5106, -41.5242



119.1480, 45.2830, -104.4928

Rectangle

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



153.9440, 15.3106, 36.0061



151.1600, -12.4039, 58.6187



136.3480, -11.5106, -41.5242



118.4520, 27.3852, -103.8824

Sweetspot

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



153.9440, 15.3106, 36.0061



236.9830, 5.9244, 13.1699



137.4430, 28.3756, -1.2655



118.2660, 3.3199, 8.5367



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.



153.9440, 15.3106, 36.0061



188.0680, 24.1235, 56.0684



150.1820, 0.8963, 39.3054



90.9020, 2.0203, 5.3479



63.7570, 36.1088, 85.2821



13.0590, 7.3659, 17.4883

Inverse Universe

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



153.9440, 15.3106, 36.0061



188.0680, 24.1235, 56.0684



171.8180, -0.8963, -39.3054



90.9020, 2.0203, 5.3479



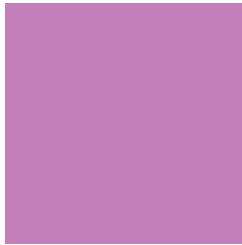
63.7570, 36.1088, 85.2821



13.0590, 7.3659, 17.4883

Previews

White Background



This preview shows how the YUV color 153.9440, 15.3106, 36.0061 looks on a white background.

Color Contrast Check

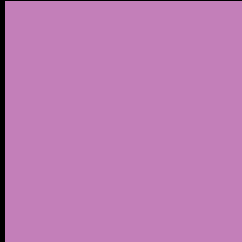
Large Text (above 18pt) WCAG AA × Fail

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 153.9440, 15.3106, 36.0061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

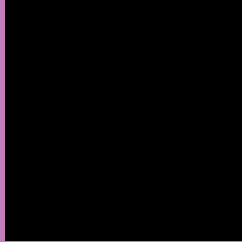
Any Text WCAG AA ✓ Pass

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 153.9440, 15.3106, 36.0061 Background



This preview shows how black text looks on a background with the YUV color 153.9440, 15.3106, 36.0061.



This preview shows how white text looks on a background with the YUV color 153.9440, 15.3106, 36.0061.

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

153.9440, 15.3106, 36.0061

Protanopia

150.0410, 24.6298, -13.1910

Deuteranopia

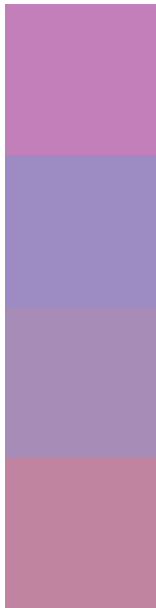
151.4740, 14.5563, -2.1697



Tritanopia

152.5850, -3.7394, 32.8130

Trichromacy



Original Color

153.9440, 15.3106, 36.0061

Protanomaly

151.3530, 21.5180, 4.9524

Deuteranomaly

152.5620, 14.5129, 11.7851

Tritanomaly

153.1320, 3.3859, 34.0872

Monochromacy



Original Color

153.9440, 15.3106, 36.0061

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.8690, 5.4876, 13.2699

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.9440, 15.3106, 36.0061 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(195, 127, 185)` looks like.

```
.text, #text, p{  
    color:rgb(195, 127, 185)  
}
```

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(195, 127, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 127, 185) }
```

Border

The CSS property to change the border of an element to YUV 153.9440, 15.3106, 36.0061 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(195, 127, 185) }
```


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

```
.border{ border-color:rgb(195, 127, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 127, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 127, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 127, 185);  
box-shadow:4px 4px 4px 4px rgb(195, 127,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 153.9440, 15.3106, 36.0061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 127, 185) }
```

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

```
.background{ background-color: rgb(195,  
127, 185) }
```

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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