

Converting Colors

YUV(153.9610, 12.8372,
35.9912)

Have a look what the booklet for
YUV(153.9610, 12.8372, 35.9912)
contains.

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Color

**YUV(153.9610, 12.8372,
35.9912)**

Conversions

Conversions Part 1

Format	Color
Hex	C380B4
RGB	195, 128, 180
RGB Percent	76%, 50%, 71%
CMY	0.2353, 0.4980, 0.2941
CMYK	0.00, 0.34, 0.08, 0.24
HSL	313°, 36%, 63%
HSV	313°, 34%, 76%
XYZ	38.4631, 30.3357, 47.0082
YIQ	153.9610, 23.2400, 30.3760

Conversions

Conversions Part 2

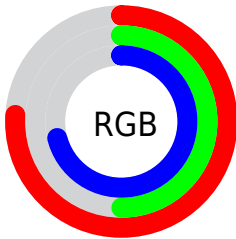
Format	Color
R _Y B	195, 128, 180
Decimal	12812468
CIE Lab	61.94, 33.87, -16.77
CIE LCh	62, 37.798, 333.653
Yxy	30.3357, 0.3321, 0.2620
Android (android.graphics.Color)	4291002548 (0xFFC380B4)
YUV	153.9610, 12.8372, 35.9912
Hunter-Lab	55.0779, 28.2673, -12.0486

Details

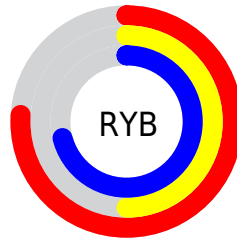
The YUV color **153.9610, 12.8372, 35.9912** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **169.0390, -12.8372, -35.9912**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.0860, 13.2686, 37.6356**, and **101.5370, 12.5533, 33.7321** is the 20% darker color. If you saturate the color by 10%, you get **142.3520, 16.5885, 46.1723**, and if you desaturate by 10%, it is **166.1570, 8.7966, 25.2953**.

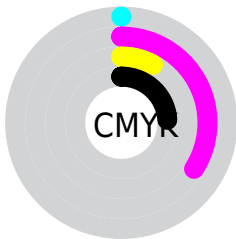
Distribution



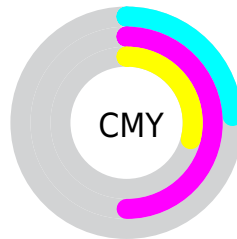
- Red (76%)
- Green (50%)
- Blue (71%)



- Red (76%)
- Yellow (50%)
- Blue (71%)



- Cyan (0%)
- Magenta (34%)
- Yellow (8%)
- Black (24%)





- Cyan (24%)
- Magenta (50%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 153.9610, 12.8372, 35.9912 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 153.9610, 12.8372, 35.9912 by changing the saturation by 10% instead.


 153.9610, 12.8372,
35.9912


 153.9610, 12.8372,
35.9912


255.0000, 0.0000,
0.0000


 127.2490, 12.6952,
34.8616


 209.0860, 13.2686,
37.6356


 101.5370, 12.5533,
33.7321

 228.5850, 13.0226,
23.1660

 76.8250, 12.4113,
32.6025

 245.0210, 4.9196,
8.7516

 52.2270, 12.7061,
31.3729

 26.2810, 14.1585,
32.2026

 16.4340, 8.6600,
22.4214

 0.7980, 3.0576,

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 153.9610, 12.8372,
35.9912

■ 153.9610, 12.8372,
35.9912

■ 142.3520, 16.5885,
46.1723

■ 166.1570, 8.7966,
25.2953

■ 130.0420, 20.1923,
56.9682

■ 177.8800, 5.4822,
15.0142

■ 118.4330, 23.9435,
67.1493

■ 190.0760, 1.4415,
4.3183

■ 106.2370, 27.9842,
77.8452

■ 201.6850, -2.3097,
-5.8627

■ 94.5140, 31.2986,
88.1262

■ 213.9950, -5.9135,
-16.6586

■ 82.3180, 35.3392,
98.8221

■ 225.6040, -9.6648,
-26.8397

■ 75.5190, 37.2121,
104.7848

■ 232.0440,
-10.3747, -32.4876

■ 232.5000, -8.6275,
-32.8875

■ 232.9560, -6.8803,
-33.2874

Harmonies

Analogous

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



152.5040, 25.8805, 5.6970



153.9610, 12.8372, 35.9912



152.6460, -2.7835, 52.9305

Triad

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



153.9610, 12.8372, 35.9912



146.7440, -31.9188, 17.7645



118.6460, 33.2055, -104.0525

Complementary

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



153.9610, 12.8372, 35.9912



169.0390, -12.8372, -35.9912

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.



124.7400, 13.9322, -82.2100



153.9610, 12.8372, 35.9912



143.2890, -25.2855, -9.9005

Square

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



153.9610, 12.8372, 35.9912



148.9840, -29.0791, 40.3560



137.3310, -9.0372, -41.5093



126.7050, 40.5714, -86.5643

Rectangle

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



153.9610, 12.8372, 35.9912



151.6110, -13.1192, 54.7152



137.3310, -9.0372, -41.5093



117.9790, 28.1114, -103.4676

Sweetspot

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



153.9610, 12.8372, 35.9912



236.7550, 5.0508, 13.3699



140.1230, 27.0544, 2.5231



118.1520, 2.8831, 8.6367



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.



153.9610, 12.8372, 35.9912



188.9170, 19.7609, 55.3238



150.1990, -1.5771, 39.2905



90.9020, 2.0203, 5.3479



62.3890, 30.8672, 86.4818



12.8310, 6.4923, 17.6882

Inverse Universe

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



153.9610, 12.8372, 35.9912



188.9170, 19.7609, 55.3238



172.8010, 1.5771, -39.2905



90.9020, 2.0203, 5.3479



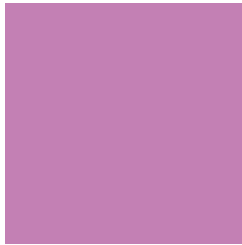
62.3890, 30.8672, 86.4818



12.8310, 6.4923, 17.6882

Previews

White Background



This preview shows how the YUV color 153.9610, 12.8372, 35.9912 looks on a white background.

Color Contrast Check

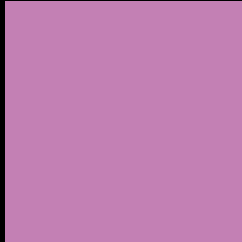
Large Text (above 18pt) WCAG AA × Fail

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 153.9610, 12.8372, 35.9912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

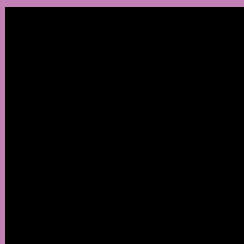
Any Text WCAG AA ✓ Pass

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 153.9610, 12.8372, 35.9912 Background



This preview shows how black text looks on a background with the YUV color 153.9610, 12.8372, 35.9912.



This preview shows how white text looks on a background with the YUV color 153.9610, 12.8372, 35.9912.

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

153.9610, 12.8372, 35.9912

Protanopia

150.2540, 21.5668, -10.7468

Deuteranopia

151.3280, 12.6563, 0.5893



Tritanopia

152.8840, -3.8868, 33.4277

Trichromacy



Original Color

153.9610, 12.8372, 35.9912

Protanomaly

151.8540, 18.3130, 6.2670

Deuteranomaly

152.1170, 12.7603, 13.9294

Tritanomaly

152.9040, 2.5123, 34.2872

Monochromacy



Original Color

153.9610, 12.8372, 35.9912

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.2280, 4.3246, 12.9550

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.9610, 12.8372, 35.9912 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, 128, 180)` looks like.

```
.text, #text, p{  
    color:rgb(195, 128, 180)  
}
```

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, 128, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 128, 180) }
```

Border

The CSS property to change the border of an element to YUV 153.9610, 12.8372, 35.9912 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, 128, 180) }
```


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

```
.border{ border-color:rgb(195, 128, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 128, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 128, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 128, 180);  
box-shadow:4px 4px 4px 4px rgb(195, 128,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 153.9610, 12.8372, 35.9912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 128, 180) }
```

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

```
.background{ background-color: rgb(195,  
128, 180) }
```

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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