

Converting Colors

YUV(154.3090, 11.6797,
33.9320)

Have a look what the booklet for
YUV(154.3090, 11.6797, 33.9320)
contains.

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Color

**YUV(154.3090, 11.6797,
33.9320)**

Conversions

Conversions Part 1

Format	Color
Hex	C182B2
RGB	193, 130, 178
RGB Percent	76%, 51%, 70%
CMY	0.2431, 0.4902, 0.3020
CMYK	0.00, 0.33, 0.08, 0.24
HSL	314°, 34%, 63%
HSV	314°, 33%, 76%
XYZ	38.0108, 30.5171, 46.0065
YIQ	154.3090, 22.1400, 28.2840

Conversions

Conversions Part 2

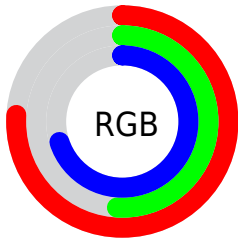
Format	Color
RYB	193, 130, 178
Decimal	12681906
CIELab	62.10, 31.75, -15.43
CIElCh	62, 35.298, 334.086
Yxy	30.5171, 0.3319, 0.2664
Android (android.graphics.Color)	4290871986 (0xFFC182B2)
YUV	154.3090, 11.6797, 33.9320
Hunter-Lab	55.2423, 26.1475, -10.7079

Details

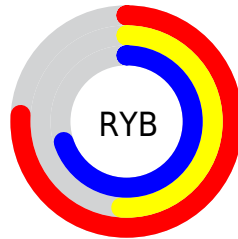
The YUV color **154.3090, 11.6797, 33.9320** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **168.6910, -11.6797, -33.9320**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.4340, 12.1110, 35.5764**, and **101.8850, 11.3957, 31.6729** is the 20% darker color. If you saturate the color by 10%, you get **142.5860, 14.9941, 44.2131**, and if you desaturate by 10%, it is **166.0320, 8.3652, 23.6509**.

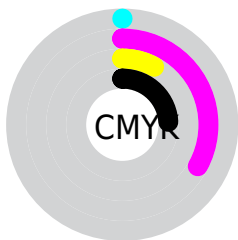
Distribution



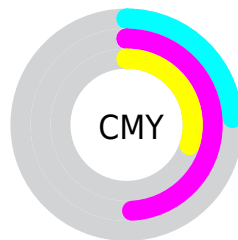
- Red (76%)
- Green (51%)
- Blue (70%)



- Red (76%)
- Yellow (51%)
- Blue (70%)



- Cyan (0%)
- Magenta (33%)
- Yellow (8%)
- Black (24%)




- Cyan (24%)
- Magenta (49%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 154.3090, 11.6797, 33.9320 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 154.3090, 11.6797, 33.9320 by changing the saturation by 10% instead.

 154.3090, 11.6797,
33.9320


 154.3090, 11.6797,
33.9320


255.0000, 0.0000,
0.0000


 127.5970, 11.5377,
32.8024


 209.4340, 12.1110,
35.5764


 101.8850, 11.3957,
31.6729

 229.7590, 12.4438,
22.1364

 77.1730, 11.2537,
30.5433

 246.1950, 4.3409,
7.7220

 52.8740, 11.4011,
29.9285

 28.1020, 12.2747,
29.7285

 15.9070, 7.9338,
22.0066

 0.4560, 1.7472,

-0.3999

0.0000, 0.0000,
0.0000

154.3090, 11.6797,
33.9320

154.3090, 11.6797,
33.9320

142.5860, 14.9941,
44.2131

166.0320, 8.3652,
23.6509

130.3900, 19.0347,
54.9090

178.2280, 4.3246,
12.9550

118.6670, 22.3492,
65.1900

189.9510, 1.0102,
2.6740

107.0580, 26.1004,
75.3711

201.5600, -2.7411,
-7.5071

94.7480, 29.7042,
86.1670

213.8700, -6.3449,
-18.3030

■ 83.0250, 33.0187,
96.4481

■ 225.5930, -9.6593,
-28.5841

■ 74.4650, 35.7598,
103.9552

■ 231.3320,
-10.5167, -33.6172

■ 231.9020, -8.3327,
-34.1171

■ 232.3580, -6.5855,
-34.5170

Harmonies

Analogous

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



152.7490, 24.2807, 5.4821



154.3090, 11.6797, 33.9320



152.9230, -2.9200, 50.0565

Triad

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



154.3090, 11.6797, 33.9320



147.6020, -29.8768, 16.1350



118.4180, 32.3319, -103.8526

Complementary

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



154.3090, 11.6797, 33.9320



168.6910, -11.6797, -33.9320

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.



130.1220, 11.2789, -71.1440



154.3090, 11.6797, 33.9320



144.1580, -23.2489, -9.7856

Square

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



154.3090, 11.6797, 33.9320



150.0160, -27.6159, 37.6970



138.5810, -8.1744, -38.2205



133.5390, 35.7233, -71.5097

Rectangle

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



154.3090, 11.6797, 33.9320



152.0020, -12.8190, 51.7412



138.5810, -8.1744, -38.2205



118.5880, 27.8111, -100.4937

Sweetspot

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



154.3090, 11.6797, 33.9320



234.6410, 4.6140, 13.4698



141.6670, 25.3072, 2.9230



115.7390, 2.5937, 8.1219



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



154.3090, 11.6797, 33.9320



189.8520, 18.3140, 52.7498



150.7750, -1.8611, 37.0313



90.9020, 2.0203, 5.3479



62.0470, 29.5568, 86.7818



12.7170, 6.0555, 17.7882

Inverse Universe

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



154.3090, 11.6797, 33.9320



189.8520, 18.3140, 52.7498



172.2250, 1.8611, -37.0313



90.9020, 2.0203, 5.3479



62.0470, 29.5568, 86.7818



12.7170, 6.0555, 17.7882

Previews

White Background



This preview shows how the YUV color 154.3090, 11.6797, 33.9320 looks on a white background.

Color Contrast Check

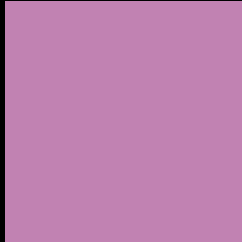
Large Text (above 18pt) WCAG AA × Fail

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 154.3090, 11.6797, 33.9320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

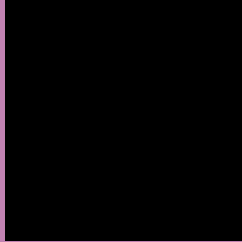
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 154.3090, 11.6797, 33.9320

Background



This preview shows how black text looks on a background with the YUV color 154.3090, 11.6797, 33.9320.



This preview shows how white text looks on a background with the YUV color 154.3090, 11.6797,

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

154.3090, 11.6797, 33.9320

Protanopia

151.0970, 19.6722, -9.7321

Deuteranopia

151.9860, 11.3459, 0.8893



Tritanopia

152.9870, -3.4446, 31.5834

Trichromacy



Original Color

154.3090, 11.6797, 33.9320

Protanomaly

152.0990, 16.7132, 6.0522

Deuteranomaly

153.0630, 11.3079, 13.0997

Tritanomaly

153.4800, 2.2284, 32.0280

Monochromacy



Original Color

154.3090, 11.6797, 33.9320

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.9290, 4.4720, 12.3403

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.3090, 11.6797, 33.9320 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(193, 130, 178)` looks like.

```
.text, #text, p{  
    color:rgb(193, 130, 178)  
}
```

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(193, 130, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 130, 178) }
```

Border

The CSS property to change the border of an element to YUV 154.3090, 11.6797, 33.9320 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(193, 130, 178) }
```


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

```
.border{ border-color:rgb(193, 130, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 130, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 130, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 130, 178);  
box-shadow:4px 4px 4px 4px rgb(193, 130,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 154.3090, 11.6797, 33.9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 130, 178) }
```

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

```
.background{ background-color: rgb(193,  
130, 178) }
```

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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