

Converting Colors

YUV(159.4610, 31.3247,
32.9217)

Have a look what the booklet for
YUV(159.4610, 31.3247, 32.9217)
contains.

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Color

**YUV(159.4610, 31.3247,
32.9217)**

Conversions

Conversions Part 1

Format	Color
Hex	C580DF
RGB	197, 128, 223
RGB Percent	77%, 50%, 87%
CMY	0.2275, 0.4980, 0.1255
CMYK	0.12, 0.43, 0.00, 0.13
HSL	284°, 60%, 69%
HSV	284°, 43%, 87%
XYZ	44.0644, 32.6364, 73.7890
YIQ	159.4610, 10.6290, 44.1730

Conversions

Conversions Part 2

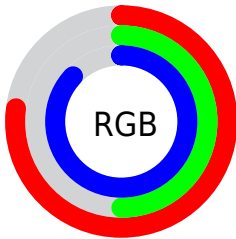
Format	Color
R_{YB}	197, 128, 223
Decimal	12943583
CIE _{Lab}	63.87, 42.73, -37.97
CIE _{LCh}	64, 57.167, 318.372
Yxy	32.6364, 0.2928, 0.2169
Android (android.graphics.Color)	4291133663 (0xFFC580DF)
YUV	159.4610, 31.3247, 32.9217
Hunter-Lab	57.1283, 37.7070, -36.5915

Details

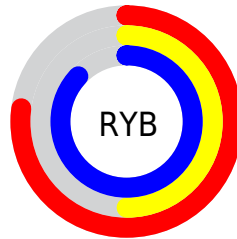
The YUV color **159.4610, 31.3247, 32.9217** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **191.5390, -31.3247, -32.9217**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1490, 21.1255, 37.5803**, and **106.3960, 29.8778, 30.3477** is the 20% darker color. If you saturate the color by 10%, you get **144.7530, 38.5758, 40.5586**, and if you desaturate by 10%, it is **174.1690, 24.0737, 25.2848**.

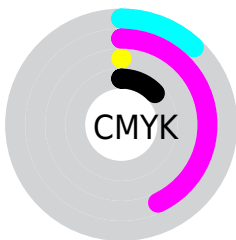
Distribution



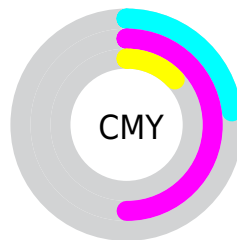
- Red (77%)
- Green (50%)
- Blue (87%)



- Red (77%)
- Yellow (50%)
- Blue (87%)



- Cyan (12%)
- Magenta (43%)
- Yellow (0%)
- Black (13%)





- Cyan (23%)
- Magenta (50%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 159.4610, 31.3247, 32.9217 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 159.4610, 31.3247, 32.9217 by changing the saturation by 10% instead.

 159.4610, 31.3247,
32.9217


 159.4610, 31.3247,
32.9217


255.0000, 0.0000,
0.0000


 132.6350, 30.7459,
31.8921


 212.1490, 21.1255,
37.5803


 106.3960, 29.8778,
30.3477


 228.5850, 13.0226,
23.1660

 80.9830, 29.5884,
29.8329

 245.6080, 4.6303,
8.2368

 54.6840, 29.7358,
29.2181

 29.0970, 30.0252,
29.7329

 19.1850, 23.0798,
17.3778

 6.3970, 18.0453,

-1.2252

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 159.4610, 31.3247,
32.9217

■ 159.4610, 31.3247,
32.9217

■ 144.7530, 38.5758,
40.5586

■ 174.1690, 24.0737,
25.2848

■ 129.4580, 46.1162,
48.7103

■ 189.4640, 16.5332,
17.1331

■ 114.7500, 53.3672,
56.3473

■ 204.1720, 9.2822,
9.4962

■ 100.0420, 60.6183,
63.9842

■ 218.8800, 2.0312,
1.8592

84.4480, 68.3061,
71.5211

234.4740, -5.6567,
-5.6777

73.8600, 73.5260,
77.2988

245.0730,
-10.8820, -9.7110

246.8670,
-11.7664, -6.0224

248.6610,
-12.6509, -2.3337

250.4550,
-13.5353, 1.3550

Harmonies

Analogous

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



152.3700, 49.1176, -27.5115



159.4610, 31.3247, 32.9217



156.4970, 10.1080, 71.4781

Triad

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



159.4610, 31.3247, 32.9217



150.2020, -49.8926, 42.7958



126.7500, 28.7172, -111.1598

Complementary

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



159.4610, 31.3247, 32.9217



191.5390, -31.3247, -32.9217

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.



119.5340, 6.1457, -104.8313



159.4610, 31.3247, 32.9217



146.2420, -47.4473, 5.0498

Square

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



159.4610, 31.3247, 32.9217



152.1620, -35.5759, 70.8949



138.6350, -26.9351, -40.8989



129.5320, 49.5307, -113.5996

Rectangle

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



159.4610, 31.3247, 32.9217



153.7360, -5.7858, 82.6695



138.6350, -26.9351, -40.8989



124.8120, 21.2917, -109.4601

Sweetspot

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



159.4610, 31.3247, 32.9217



232.9380, 10.8766, 11.4554



154.6790, 33.6823, -23.3975



113.8790, 6.9617, 7.1221



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.



159.4610, 31.3247, 32.9217



167.9260, 42.9275, 44.7919



164.8410, 18.3194, 51.0054



104.6460, 3.6255, 3.8185



58.3360, 58.0084, 61.0953



15.9370, 15.8071, 16.7183

Inverse Universe

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



159.3690, -2.6469, 55.8044



167.9740, -3.4382, 76.3218



186.1590, -18.3194, -51.0054



104.6310, -0.3111, 6.4626



58.0960, -4.9773, 103.4018



15.8340, -1.3972, 28.2096

Previews

White Background



This preview shows how the YUV color 159.4610, 31.3247, 32.9217 looks on a white background.

Color Contrast Check

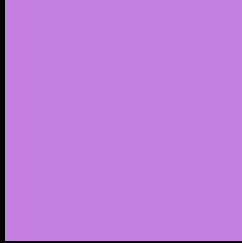
Large Text (above 18pt) WCAG AA × Fail

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 159.4610, 31.3247, 32.9217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

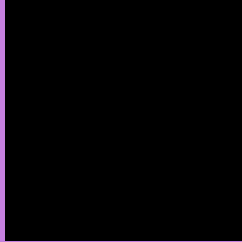
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.4610, 31.3247, 32.9217

Background



This preview shows how black text looks on a background with the YUV color 159.4610, 31.3247, 32.9217.



This preview shows how white text looks on a background with the YUV color 159.4610, 31.3247, 32.9217.

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

159.4610, 31.3247, 32.9217

Protanopia

153.1050, 44.3182, -28.1561

Deuteranopia

154.4300, 31.3400, -18.7941



Tritanopia

157.4100, -1.6811, 25.9504

Trichromacy



Original Color

159.4610, 31.3247, 32.9217



Protanomaly

155.3960, 39.7378, -5.6093



Deuteranomaly

156.2520, 31.4278, -0.2210



Tritanomaly

158.5210, 10.0961, 28.4841

Monochromacy



Original Color

159.4610, 31.3247, 32.9217



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

159.3510, 11.1660, 11.9702

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.4610, 31.3247, 32.9217 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(197, 128, 223)` looks like.

```
.text, #text, p{  
    color:rgb(197, 128, 223)  
}
```

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(197, 128, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 128, 223) }
```

Border

The CSS property to change the border of an element to YUV 159.4610, 31.3247, 32.9217 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(197, 128, 223) }
```


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

```
.border{ border-color:rgb(197, 128, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 128, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 128, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 128, 223);  
box-shadow:4px 4px 4px 4px rgb(197, 128,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 159.4610, 31.3247, 32.9217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 128, 223) }
```

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

```
.background{ background-color: rgb(197,  
128, 223) }
```

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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