

Converting Colors

YUV(179.5850, 29.7846,
13.5190)

Have a look what the booklet for
YUV(179.5850, 29.7846, 13.5190)
contains.

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Color

**YUV(179.5850, 29.7846,
13.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A0F0
RGB	195, 160, 240
RGB Percent	76%, 63%, 94%
CMY	0.2353, 0.3725, 0.0588
CMYK	0.19, 0.33, 0.00, 0.06
HSL	266°, 73%, 78%
HSV	266°, 33%, 94%
XYZ	50.8047, 43.0350, 88.0670
YIQ	179.5850, -4.8200, 32.3000

Conversions

Conversions Part 2

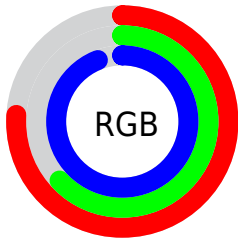
Format	Color
RYB	195, 160, 240
Decimal	12820720
CIELab	71.58, 28.29, -35.35
CIELCh	72, 45.271, 308.670
Yxy	43.0350, 0.2793, 0.2366
Android (android.graphics.Color)	4291010800 (0xFFC3A0F0)
YUV	179.5850, 29.7846, 13.5190
Hunter-Lab	65.6011, 23.4373, -33.6739

Details

The YUV color **179.5850, 29.7846, 13.5190** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **220.4150, -29.7846, -13.5190**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.6230, 12.0179, 18.7476**, and **126.2320, 28.4796, 12.0745** is the 20% darker color. If you saturate the color by 10%, you get **161.6100, 38.6463, 17.8820**, and if you desaturate by 10%, it is **197.5600, 20.9229, 9.1559**.

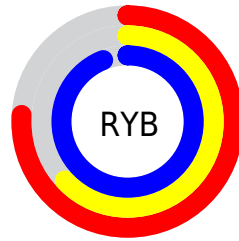
Distribution



Red (76%)

Green (63%)

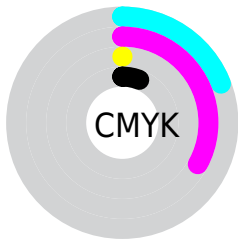
Blue (94%)



Red (76%)

Yellow (63%)

Blue (94%)

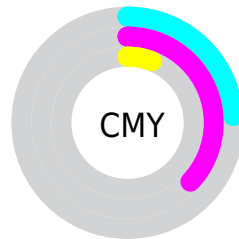


Cyan (19%)

Magenta (33%)

Yellow (0%)

Black (6%)



Cyan (24%)


Magenta (37%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 179.5850, 29.7846, 13.5190 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 179.5850, 29.7846, 13.5190 by changing the saturation by 10% instead.


 179.5850, 29.7846,
13.5190

 179.5850, 29.7846,
13.5190


255.0000, 0.0000,
0.0000


 152.6450, 28.7690,
12.5893


 230.6230, 12.0179,
18.7476


 126.2320, 28.4796,
12.0745

 248.5430, 3.1833,
5.6628

 100.7050, 27.7534,
11.6597

 76.3520, 26.4485,
10.2153

 52.5260, 25.8697,
9.1857

 29.2870, 25.0015,
7.6413

 11.8800, 22.2442,

5.3672

■ 5.0500, 14.2723,
-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 179.5850, 29.7846,
13.5190

■ 179.5850, 29.7846,
13.5190

■ 161.6100, 38.6463,
17.8820

■ 197.5600, 20.9229,
9.1559

■ 143.3360, 47.6554,
21.6303

■ 215.8340, 11.9138,
5.4076

■ 125.3610, 56.5170,
25.9934

■ 233.8090, 3.0522,
1.0445

■ 107.0870, 65.5261,
29.7417

■ 251.4960, -5.6675,
-2.1890

■ 88.8130, 74.5352,
33.4900

■ 253.2900, -6.5520,
1.4997

■ 70.8380, 83.3969,
37.8531

■ 58.7550, 89.3538,
40.5569

Harmonies

Analogous

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



171.5510, 41.1404, -35.5632



179.5850, 29.7846, 13.5190



179.7500, 12.9413, 49.3312

Triad

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



179.5850, 29.7846, 13.5190



174.5410, -37.2417, 45.1295



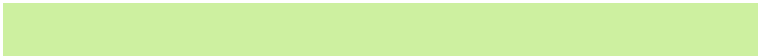
136.8430, 24.2344, -120.0113

Complementary

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



179.5850, 29.7846, 13.5190



220.4150, -29.7846, -13.5190

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.



157.7910, -6.7990, -59.4527



179.5850, 29.7846, 13.5190



171.1970, -39.0441, 16.4902

Square

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



179.5850, 29.7846, 13.5190



176.2780, -24.7871, 63.7772



166.1370, -28.1685, -18.5371



140.2290, 42.2851, -122.9808

Rectangle

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



179.5850, 29.7846, 13.5190



178.8090, 0.0942, 63.3115



166.1370, -28.1685, -18.5371



144.2170, 13.6970, -100.1683

Sweetspot

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



179.5850, 29.7846, 13.5190



236.1390, 9.2985, 4.2631



195.5350, 21.9212, -31.1642



115.9170, 5.9569, 2.7038



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.



179.5850, 29.7846, 13.5190



178.0830, 37.9201, 17.4672



191.5450, 23.8883, 38.1100



110.8630, 4.5045, 1.8741



44.8960, 68.5783, 30.7862



13.8590, 20.7755, 9.7707

Inverse Universe

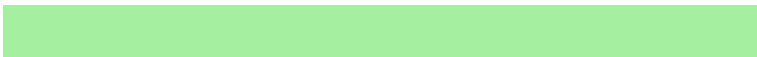
The Inverse Universe completely reimagines the original color for something new.



189.0500, 7.8634, 44.6832



189.9960, 9.8620, 57.0085



208.4550, -23.8883, -38.1100



112.3860, 1.2887, 6.6775



66.7580, 17.8673, 102.8212



20.3920, 5.7227, 31.2282

Previews

White Background



This preview shows how the YUV color 179.5850, 29.7846, 13.5190 looks on a white background.

Color Contrast Check

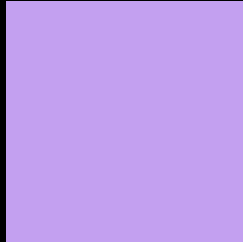
Large Text (above 18pt) WCAG AA × Fail

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 179.5850, 29.7846, 13.5190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

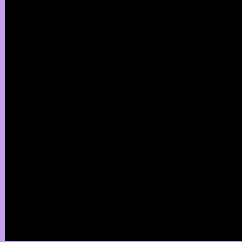
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 179.5850, 29.7846, 13.5190

Background



This preview shows how black text looks on a background with the YUV color 179.5850, 29.7846, 13.5190.



This preview shows how white text looks on a background with the YUV color 179.5850, 29.7846, 13.5190.

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

179.5850, 29.7846, 13.5190

Protanopia

175.2000, 36.8764, -21.2234

Deuteranopia

175.8110, 30.1662, -15.6202



Tritanopia

177.0810, 3.9041, 7.8220

Trichromacy



Original Color

179.5850, 29.7846, 13.5190

Protanomaly

176.5930, 34.2177, -8.4131

Deuteranomaly

176.8770, 30.1336, -5.1541

Tritanomaly

177.9100, 13.3554, 9.7259

Monochromacy



Original Color

179.5850, 29.7846, 13.5190

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

179.8940, 10.8983, 4.4780

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.5850, 29.7846, 13.5190 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, 160, 240)` looks like.

```
.text, #text, p{  
    color:rgb(195, 160, 240)  
}
```

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, 160, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 160, 240) }
```

Border

The CSS property to change the border of an element to YUV 179.5850, 29.7846, 13.5190 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, 160, 240) }
```


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

```
.border{ border-color:rgb(195, 160, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 160, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 160, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 160, 240);  
box-shadow:4px 4px 4px 4px rgb(195, 160,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 179.5850, 29.7846, 13.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 160, 240) }
```

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

```
.background{ background-color: rgb(195,  
160, 240) }
```

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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