

Converting Colors

YUV(128.9910, 24.1614,
43.8579)

Have a look what the booklet for
YUV(128.9910, 24.1614, 43.8579)
contains.

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Color

**YUV(128.9910, 24.1614,
43.8579)**

Conversions

Conversions Part 1

Format	Color
Hex	B35EB2
RGB	179, 94, 178
RGB Percent	70%, 37%, 70%
CMY	0.2980, 0.6314, 0.3020
CMYK	0.00, 0.47, 0.01, 0.30
HSL	301°, 36%, 54%
HSV	301°, 47%, 70%
XYZ	30.6290, 20.8035, 44.5206
YIQ	128.9910, 23.6960, 44.1440

Conversions

Conversions Part 2

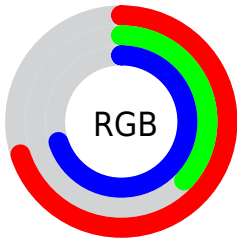
Format	Color
R _Y B	179, 94, 178
Decimal	11755186
CIE Lab	52.73, 46.53, -29.94
CIE LCh	53, 55.329, 327.242
Yxy	20.8035, 0.3192, 0.2168
Android (android.graphics.Color)	4289945266 (0xFFB35EB2)
YUV	128.9910, 24.1614, 43.8579
Hunter-Lab	45.6108, 40.0490, -25.9453

Details

The YUV color **128.9910, 24.1614, 43.8579** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **144.0090, -24.1614, -43.8579**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.5290, 24.8822, 46.0171**, and **75.9800, 24.1669, 42.1135** is the 20% darker color. If you saturate the color by 10%, you get **118.4250, 29.3705, 53.1243**, and if you desaturate by 10%, it is **139.5570, 18.9524, 34.5915**.

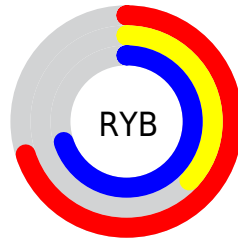
Distribution



Red (70%)

Green (37%)

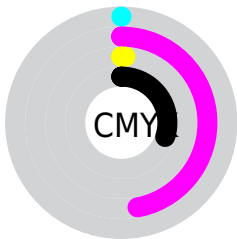
Blue (70%)



Red (70%)

Yellow (37%)

Blue (70%)

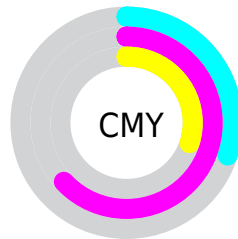


Cyan (0%)

Magenta (47%)

Yellow (1%)

Black (30%)



Cyan (30%)

Magenta (63%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.9910, 24.1614, 43.8579 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 128.9910, 24.1614, 43.8579 by changing the saturation by 10% instead.

■ 128.9910, 24.1614,
43.8579

■ 128.9910, 24.1614,
43.8579

255.0000, 0.0000,
0.0000

■ 102.2790, 24.0195,
42.7283

■ 183.5290, 24.8822,
46.0171

■ 75.9800, 24.1669,
42.1135

■ 208.0400, 23.1513,
41.1839

■ 47.1590, 26.0506,
44.5876

■ 224.4760, 15.0483,
26.7695

■ 30.0780, 22.1465,
36.7656

■ 240.9120, 6.9454,
12.3552

■ 20.2800, 15.6380,
24.3104

■ 8.8020, 10.4506,
8.0666

■ 0.0000, 0.0000,

0.0000

■ 128.9910, 24.1614,
43.8579

■ 128.9910, 24.1614,
43.8579

■ 118.4250, 29.3705,
53.1243

■ 139.5570, 18.9524,
34.5915

■ 107.8590, 34.5795,
62.3907

■ 150.1230, 13.7434,
25.3251

■ 97.1790, 39.3518,
71.7570

■ 160.8030, 8.9711,
15.9588

■ 86.6130, 44.5608,
81.0234

■ 171.3690, 3.7621,
6.6924

■ 76.6340, 49.4804,
89.7750

■ 181.9350, -1.4470,
-2.5740

■ 73.6990, 50.9274,
92.3490

■ 191.9140, -6.3666,
-11.3256

■ 202.4800,
-11.5756, -20.5920

■ 213.1600,
-16.3479, -29.9583

■ 223.7260,
-21.5569, -39.2247

Harmonies

Analogous

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



126.8410, 41.4904, -7.7536



128.9910, 24.1614, 43.8579



124.2000, 3.8454, 73.4926

Triad

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



128.9910, 24.1614, 43.8579



119.4840, -51.0176, 30.2705



106.0280, 30.5522, -92.9866

Complementary

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



128.9910, 24.1614, 43.8579



144.0090, -24.1614, -43.8579

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.



100.5560, 9.5859, -88.1876



128.9910, 24.1614, 43.8579



115.3590, -41.5890, -7.3308

Square

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



128.9910, 24.1614, 43.8579



122.1020, -38.0113, 58.6695



103.2010, -15.3821, -59.8123



107.3110, 48.1607, -94.1117

Rectangle

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



128.9910, 24.1614, 43.8579



122.3350, -11.0112, 78.6362



103.2010, -15.3821, -59.8123



104.3180, 24.0002, -91.4869

Sweetspot

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



128.9910, 24.1614, 43.8579



213.2160, 9.2605, 16.4736



103.6900, 37.1278, -8.4981



105.2600, 5.7878, 10.2960



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



128.9910, 24.1614, 43.8579



154.2880, 37.3260, 68.1534



124.3170, 6.2527, 47.9570



83.7170, 2.6045, 4.6332



62.9610, 43.4032, 78.9642



10.6240, 7.0874, 13.4848

Inverse Universe

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



128.9910, 24.1614, 43.8579



154.2880, 37.3260, 68.1534



148.7970, -5.8159, -48.0570



83.7170, 2.6045, 4.6332



62.9610, 43.4032, 78.9642



10.6240, 7.0874, 13.4848

Previews

White Background



This preview shows how the YUV color 128.9910, 24.1614, 43.8579 looks on a white background.

Color Contrast Check

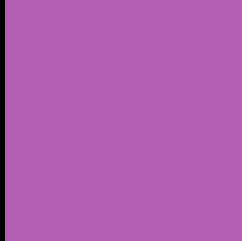
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.9910, 24.1614, 43.8579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

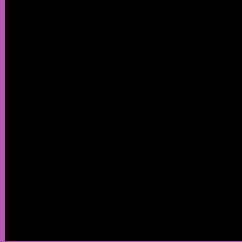
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.9910, 24.1614, 43.8579

Background



This preview shows how black text looks on a background with the YUV color 128.9910, 24.1614, 43.8579.



This preview shows how white text looks on a background with the YUV color 128.9910, 24.1614,

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

128.9910, 24.1614, 43.8579

Protanopia

124.6340, 38.6344, -25.1120

Deuteranopia

126.5850, 22.8826, -12.7910



Tritanopia

127.8630, -5.3555, 37.8311

Trichromacy



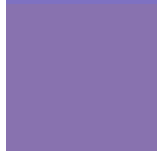
Original Color

128.9910, 24.1614, 43.8579



Protanomaly

126.1210, 33.4643, -0.1061



Deuteranomaly

127.5320, 23.4017, 7.4264



Tritanomaly

128.3330, 5.2588, 40.0500

Monochromacy



Original Color

128.9910, 24.1614, 43.8579



Achromatopsia

129.0000, 0.0000, 0.0000



Achromatomaly

128.8030, 8.9711, 15.9588

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.9910, 24.1614, 43.8579 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(179, 94, 178)` looks like.

```
.text, #text, p{  
    color:rgb(179, 94, 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(179, 94, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 94, 178) }
```

Border

The CSS property to change the border of an element to YUV 128.9910, 24.1614, 43.8579 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(179, 94, 178) }
```


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

```
.border{ border-color:rgb(179, 94, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 94, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 94, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 94, 178);  
box-shadow:4px 4px 4px 4px rgb(179, 94,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 128.9910, 24.1614, 43.8579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 94, 178) }
```

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

```
.background{ background-color: rgb(179, 94,  
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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