

Converting Colors

YUV(133.0780, 25.5975,
49.9206)

Have a look what the booklet for
YUV(133.0780, 25.5975, 49.9206)
contains.

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Color

**YUV(133.0780, 25.5975,
49.9206)**

Conversions

Conversions Part 1

Format	Color
Hex	BE5EB9
RGB	190, 94, 185
RGB Percent	75%, 37%, 73%
CMY	0.2549, 0.6314, 0.2745
CMYK	0.00, 0.51, 0.03, 0.25
HSL	303°, 42%, 56%
HSV	303°, 51%, 75%
XYZ	33.9949, 22.4553, 48.4415
YIQ	133.0780, 28.0050, 48.6530

Conversions

Conversions Part 2

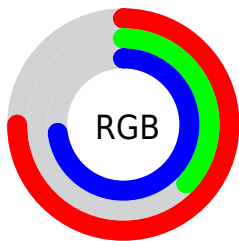
Format	Color
R_{YB}	190, 94, 185
Decimal	12476089
CIE _{Lab}	54.51, 51.01, -31.12
CIE _{LCh}	55, 59.751, 328.616
Yxy	22.4553, 0.3241, 0.2141
Android (android.graphics.Color)	4290666169 (0xFFBE5EB9)
YUV	133.0780, 25.5975, 49.9206
Hunter-Lab	47.3871, 45.1262, -27.4384

Details

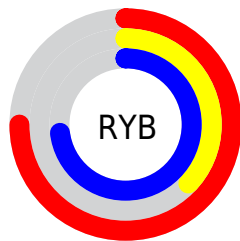
The YUV color **133.0780, 25.5975, 49.9206** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **150.9220, -25.5975, -49.9206**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.5020, 25.8815, 52.1797**, and **78.5940, 26.3292, 48.5911** is the 20% darker color. If you saturate the color by 10%, you get **121.8110, 30.6592, 59.8018**, and if you desaturate by 10%, it is **144.3450, 20.5359, 40.0394**.

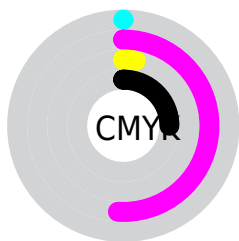
Distribution



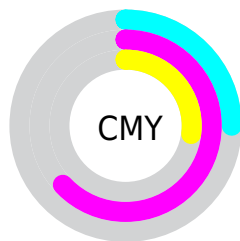
- Red (75%)
- Green (37%)
- Blue (73%)



- Red (75%)
- Yellow (37%)
- Blue (73%)



- Cyan (0%)
- Magenta (51%)
- Yellow (3%)
- Black (25%)





- Cyan (25%)
- Magenta (63%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.0780, 25.5975, 49.9206 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 133.0780, 25.5975, 49.9206 by changing the saturation by 10% instead.


 133.0780, 25.5975,
49.9206


 133.0780, 25.5975,
49.9206


255.0000, 0.0000,
0.0000


 105.7790, 25.7450,
49.3058


 188.5020, 25.8815,
52.1797


 78.5940, 26.3292,
48.5911


 208.6270, 22.8619,
40.6691


 46.4250, 29.3705,
53.1243

 225.0630, 14.7589,
26.2547

 33.4530, 23.4407,
41.6987

 242.0860, 6.3666,
11.3256

 23.3560, 17.0795,
28.6288

 13.3730, 11.1551,
15.4589

 1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 133.0780, 25.5975,
49.9206

■ 133.0780, 25.5975,
49.9206

■ 121.8110, 30.6592,
59.8018

■ 144.3450, 20.5359,
40.0394

■ 110.5440, 35.7208,
69.6829

■ 155.6120, 15.4743,
30.1583

■ 99.2770, 40.7824,
79.5641

■ 166.8790, 10.4127,
20.2771

■ 88.0100, 45.8441,
89.4452

■ 178.1460, 5.3510,
10.3960

■ 77.3300, 50.6163,
98.8116

■ 189.4130, 0.2894,
0.5148

■ 200.6800, -4.7722,
-9.3664

■ 211.9470, -9.8339,
-19.2475

■ 223.2140,
-14.8955, -29.1287

■ 228.6110,
-17.0632, -33.8618

Harmonies

Analogous

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



131.6500, 44.5426, -6.7090



133.0780, 25.5975, 49.9206



127.5430, 3.6763, 81.0848

Triad

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



133.0780, 25.5975, 49.9206



121.9050, -59.6062, 31.6553



110.8040, 33.6206, -97.1751

Complementary

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



133.0780, 25.5975, 49.9206



150.9220, -25.5975, -49.9206

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.



104.7620, 10.4703, -91.8763



133.0780, 25.5975, 49.9206



118.3110, -45.5093, -9.9197

Square

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



133.0780, 25.5975, 49.9206



126.1580, -42.9689, 62.1284



99.3620, -12.9965, -78.3705



112.3150, 52.1027, -98.5003

Rectangle

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



133.0780, 25.5975, 49.9206



125.7380, -12.1958, 85.2988



99.3620, -12.9965, -78.3705



109.4530, 25.9057, -95.9903

Sweetspot

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



133.0780, 25.5975, 49.9206



225.0530, 9.8339, 19.2475



106.4390, 41.1956, -6.5240



111.3850, 6.2192, 11.9404



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.



133.0780, 25.5975, 49.9206



157.4510, 40.2037, 78.5345



127.6060, 4.6312, 54.7195



88.7170, 2.6045, 4.6332



64.3420, 42.2294, 82.1381



12.5750, 8.0975, 16.1587

Inverse Universe

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



133.0780, 25.5975, 49.9206



157.4510, 40.2037, 78.5345



156.3940, -4.6312, -54.7195



88.7170, 2.6045, 4.6332



64.3420, 42.2294, 82.1381



12.5750, 8.0975, 16.1587

Previews

White Background



This preview shows how the YUV color 133.0780, 25.5975, 49.9206 looks on a white background.

Color Contrast Check

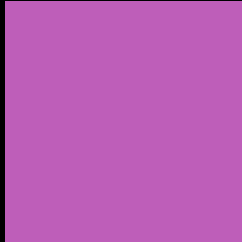
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.0780, 25.5975, 49.9206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

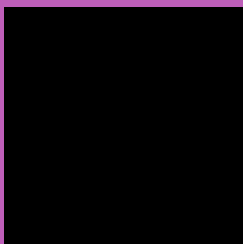
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.0780, 25.5975, 49.9206

Background



This preview shows how black text looks on a background with the YUV color 133.0780, 25.5975, 49.9206.



This preview shows how white text looks on a background with the YUV color 133.0780, 25.5975,

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

133.0780, 25.5975, 49.9206

Protanopia

128.5350, 42.1342, -27.6562

Deuteranopia

130.8130, 23.7562, -12.9910



Tritanopia

132.4400, -7.1189, 43.4641

Trichromacy



Original Color

133.0780, 25.5975, 49.9206



Protanomaly

130.4030, 35.7903, 0.5236



Deuteranomaly

131.4830, 24.4119, 10.1004



Tritanomaly

132.5510, 4.6584, 45.9978

Monochromacy



Original Color

133.0780, 25.5975, 49.9206



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

133.2270, 9.2551, 18.2179

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.0780, 25.5975, 49.9206 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(190, 94, 185)` looks like.

```
.text, #text, p{  
    color:rgb(190, 94, 185)  
}
```

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(190, 94, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 94, 185) }
```

Border

The CSS property to change the border of an element to YUV 133.0780, 25.5975, 49.9206 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(190, 94, 185) }
```


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

```
.border{ border-color:rgb(190, 94, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 94, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 94, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 94, 185); box-shadow:4px 4px 4px 4px rgb(190, 94, 185) }
```

Background

The CSS property to change the background color of an element to YUV 133.0780, 25.5975, 49.9206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 94, 185) }
```

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

```
.background{ background-color: rgb(190, 94,  
185) }
```

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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