

Converting Colors

YUV(133.2950, 26.4766,
47.9763)

Have a look what the booklet for
YUV(133.2950, 26.4766, 47.9763)
contains.

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Color

**YUV(133.2950, 26.4766,
47.9763)**

Conversions

Conversions Part 1

Format	Color
Hex	BC5FBB
RGB	188, 95, 187
RGB Percent	74%, 37%, 73%
CMY	0.2627, 0.6275, 0.2667
CMYK	0.00, 0.49, 0.01, 0.26
HSL	301°, 41%, 55%
HSV	301°, 49%, 74%
XYZ	33.8009, 22.4636, 49.5681
YIQ	133.2950, 25.8960, 48.3280

Conversions

Conversions Part 2

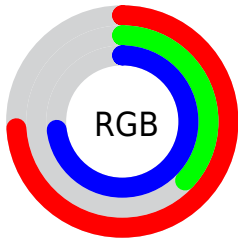
Format	Color
R _Y B	188, 95, 187
Decimal	12345275
CIE _{Lab}	54.52, 50.30, -32.28
CIE _{LCh}	55, 59.761, 327.311
Y _{xy}	22.4636, 0.3194, 0.2123
Android (android.graphics.Color)	4290535355 (0xFFBC5FBB)
Y _{UV}	133.2950, 26.4766, 47.9763
Hunter-Lab	47.3958, 44.3567, -28.8304

Details

The YUV color **133.2950, 26.4766, 47.9763** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **149.7050, -26.4766, -47.9763**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.7190, 26.7605, 50.2354**, and **78.6970, 26.7714, 46.7467** is the 20% darker color. If you saturate the color by 10%, you get **122.1420, 31.9750, 57.7575**, and if you desaturate by 10%, it is **144.4480, 20.9781, 38.1951**.

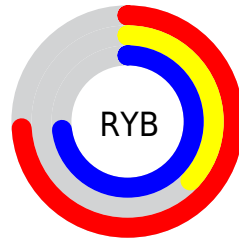
Distribution



Red (74%)

Green (37%)

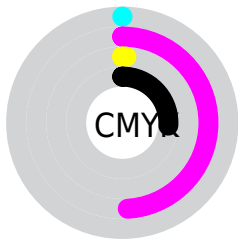
Blue (73%)



Red (74%)

Yellow (37%)

Blue (73%)

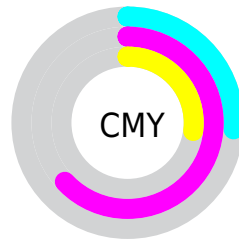


Cyan (0%)

Magenta (49%)

Yellow (1%)

Black (26%)



Cyan (26%)


Magenta (63%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.2950, 26.4766, 47.9763 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 133.2950, 26.4766, 47.9763 by changing the saturation by 10% instead.


 133.2950, 26.4766,
47.9763


 133.2950, 26.4766,
47.9763


255.0000, 0.0000,
0.0000


 106.5830, 26.3346,
46.8467


 188.7190, 26.7605,
50.2354

 78.6970, 26.7714,
46.7467


 208.6270, 22.8619,
40.6691


 47.8160, 29.6707,
50.1504

 225.6500, 14.4696,
25.7400

 33.0830, 24.6091,
40.2692

 242.6730, 6.0772,
10.8108

 22.9860, 18.2479,
27.1993

 12.8890, 11.8867,
14.1293

 2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 133.2950, 26.4766,
47.9763

■ 133.2950, 26.4766,
47.9763

■ 122.1420, 31.9750,
57.7575

■ 144.4480, 20.9781,
38.1951

■ 110.9890, 37.4734,
67.5386

■ 155.6010, 15.4797,
28.4139

■ 100.3090, 42.2457,
76.9050

■ 166.2810, 10.7075,
19.0476

■ 89.1560, 47.7441,
86.6862

■ 177.4340, 5.2090,
9.2664

■ 78.0030, 53.2425,
96.4674

■ 188.5870, -0.2894,
-0.5148

■ 77.4160, 53.5319,
96.9822

■ 199.7400, -5.7878,
-10.2960

■ 210.8930,
-11.2862, -20.0772

■ 221.5730,
-16.0585, -29.4435

■ 227.4430,
-18.9524, -34.5915

Harmonies

Analogous

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



131.4540, 45.1322, -9.1682



133.2950, 26.4766, 47.9763



127.4720, 4.6973, 80.2701

Triad

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



133.2950, 26.4766, 47.9763



122.0300, -59.1748, 33.2997



110.4620, 32.3102, -96.8752

Complementary

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



133.2950, 26.4766, 47.9763



149.7050, -26.4766, -47.9763

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.



104.5340, 9.5967, -91.6763



133.2950, 26.4766, 47.9763



118.0940, -46.3883, -7.9754

Square

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



133.2950, 26.4766, 47.9763



126.0980, -41.9533, 63.0581



103.0210, -15.7864, -70.1784



112.2010, 51.6659, -98.4003

Rectangle

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



133.2950, 26.4766, 47.9763



125.3790, -11.0328, 85.6136



103.0210, -15.7864, -70.1784



109.2250, 25.0321, -95.7903

Sweetspot

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



133.2950, 26.4766, 47.9763



223.1670, 10.2707, 19.1475



105.6020, 40.6222, -9.2980



109.0860, 6.3666, 11.3256



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



133.2950, 26.4766, 47.9763



159.6570, 41.0881, 74.8458



128.1650, 6.8207, 52.4753



88.7170, 2.6045, 4.6332



65.0260, 44.8502, 81.5382



12.6890, 8.5343, 16.0587

Inverse Universe

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



133.2950, 26.4766, 47.9763



159.6570, 41.0881, 74.8458



154.9490, -6.3839, -52.5753



88.7170, 2.6045, 4.6332



65.0260, 44.8502, 81.5382



12.6890, 8.5343, 16.0587

Previews

White Background



This preview shows how the YUV color 133.2950, 26.4766, 47.9763 looks on a white background.

Color Contrast Check

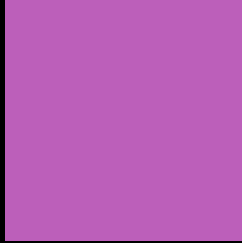
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.2950, 26.4766, 47.9763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

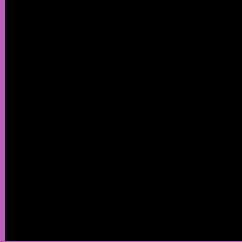
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.2950, 26.4766, 47.9763

Background



This preview shows how black text looks on a background with the YUV color 133.2950, 26.4766, 47.9763.



This preview shows how white text looks on a background with the YUV color 133.2950, 26.4766,

47.9763.

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

133.2950, 26.4766, 47.9763

Protanopia

128.3500, 42.7185, -28.3709

Deuteranopia

130.7420, 24.7772, -13.8057



Tritanopia

132.6570, -6.2399, 41.5198

Trichromacy



Original Color

133.2950, 26.4766, 47.9763



Protanomaly

130.0330, 36.9587, -0.9059



Deuteranomaly

131.9990, 25.1435, 8.7709



Tritanomaly

132.7680, 5.5374, 44.0535

Monochromacy



Original Color

133.2950, 26.4766, 47.9763



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

133.0420, 9.8393, 17.5032

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.2950, 26.4766, 47.9763 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(188, 95, 187)` looks like.

```
.text, #text, p{  
    color:rgb(188, 95, 187)  
}
```

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(188, 95, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 95, 187) }
```

Border

The CSS property to change the border of an element to YUV 133.2950, 26.4766, 47.9763 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(188, 95, 187) }
```


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

```
.border{ border-color:rgb(188, 95, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 95, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 95, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 95, 187);  
box-shadow:4px 4px 4px 4px rgb(188, 95,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 133.2950, 26.4766, 47.9763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 95, 187) }
```

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

```
.background{ background-color: rgb(188, 95,  
187) }
```

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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