

Converting Colors

YUV(148.6510, 12.9901,
33.6321)

Have a look what the booklet for
YUV(148.6510, 12.9901, 33.6321)
contains.

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Color

**YUV(148.6510, 12.9901,
33.6321)**

Conversions

Conversions Part 1

Format	Color
Hex	BB7CAF
RGB	187, 124, 175
RGB Percent	73%, 49%, 69%
CMY	0.2667, 0.5137, 0.3137
CMYK	0.00, 0.34, 0.06, 0.27
HSL	311°, 32%, 61%
HSV	311°, 34%, 73%
XYZ	35.4390, 28.0752, 44.1087
YIQ	148.6510, 21.1770, 29.2170

Conversions

Conversions Part 2

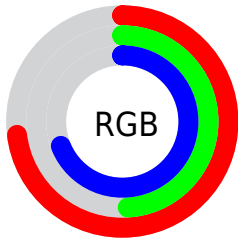
Format	Color
R _Y B	187, 124, 175
Decimal	12287151
CIE Lab	59.96, 32.48, -17.03
CIE LCh	60, 36.667, 332.334
Yxy	28.0752, 0.3293, 0.2609
Android (android.graphics.Color)	4290477231 (0xFFBB7CAF)
YUV	148.6510, 12.9901, 33.6321
Hunter-Lab	52.9861, 26.6617, -12.2662

Details

The YUV color **148.6510, 12.9901, 33.6321** is a light color, and the websafe version is hex **996699**. A complement of this color would be **162.3490, -12.9901, -33.6321**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.1890, 13.7108, 35.7912**, and **97.1130, 12.2693, 31.4729** is the 20% darker color. If you saturate the color by 10%, you get **137.0420, 16.7413, 43.8132**, and if you desaturate by 10%, it is **160.2600, 9.2388, 23.4510**.

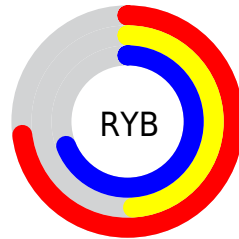
Distribution



Red (73%)

Green (49%)

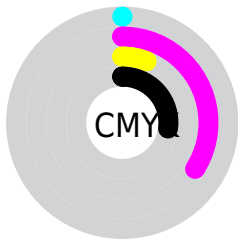
Blue (69%)



Red (73%)

Yellow (49%)

Blue (69%)

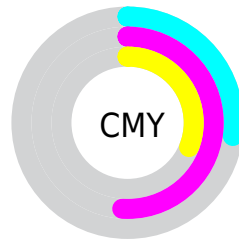


Cyan (0%)

Magenta (34%)

Yellow (6%)

Black (27%)



Cyan (27%)


Magenta (51%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 148.6510, 12.9901, 33.6321 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 148.6510, 12.9901, 33.6321 by changing the saturation by 10% instead.


 148.6510, 12.9901,
33.6321


 148.6510, 12.9901,
33.6321

255.0000, 0.0000,
0.0000

 121.9390, 12.8481,
32.5025


 203.1890, 13.7108,
35.7912


 97.1130, 12.2693,
31.4729


 225.6500, 14.4696,
25.7400

 72.4010, 12.1273,
30.3433

 242.6730, 6.0772,
10.8108

 47.9170, 12.8589,
29.0138

 23.4440, 13.5851,
29.4286

 14.7820, 7.5025,
20.3622

 0.0000, 0.0000,

0.0000

■ 148.6510, 12.9901,
33.6321

■ 148.6510, 12.9901,
33.6321

■ 137.0420, 16.7413,
43.8132

■ 160.2600, 9.2388,
23.4510

■ 126.1340, 20.6399,
53.3795

■ 171.1680, 5.3402,
13.8847

■ 114.5250, 24.3912,
63.5606

■ 182.7770, 1.5889,
3.7036

■ 103.0300, 28.5792,
73.6417

■ 194.2720, -2.5991,
-6.3775

■ 91.4210, 32.3304,
83.8228

■ 205.8810, -6.3503,
-16.5586

■ 80.5130, 36.2291,
93.3891

■ 216.7890,
-10.2490, -26.1250

73.1270, 38.3914,
99.8666

228.3980,
-14.0002, -36.3060

228.7400,
-12.6898, -36.6060

229.1960,
-10.9426, -37.0059

Harmonies

Analogous

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



147.0800, 25.5966, 3.4378



148.6510, 12.9901, 33.6321



147.4500, -2.1938, 50.4714

Triad

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



148.6510, 12.9901, 33.6321



141.6840, -30.9032, 18.6941



114.7990, 31.1581, -100.6787

Complementary

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



148.6510, 12.9901, 33.6321



162.3490, -12.9901, -33.6321

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.



121.6160, 12.0213, -75.9622



148.6510, 12.9901, 33.6321



138.5280, -24.4173, -8.3561

Square

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



148.6510, 12.9901, 33.6321



144.0270, -27.6213, 39.4413



132.8260, -9.7742, -38.4354



121.6620, 39.1136, -85.6496

Rectangle

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



148.6510, 12.9901, 33.6321



146.2410, -11.9508, 53.2856



132.8260, -9.7742, -38.4354



113.6590, 26.7901, -99.6789

Sweetspot

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



148.6510, 12.9901, 33.6321



227.4560, 5.1982, 12.7551



134.7700, 25.7494, 1.0787



113.5540, 3.1779, 7.4071



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.



148.6510, 12.9901, 33.6321



183.0090, 20.2086, 51.7351



145.1170, -0.5507, 36.7314



88.6030, 2.1677, 4.7332



61.8340, 32.6198, 84.3376



12.1190, 6.3503, 16.5586

Inverse Universe

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



148.6510, 12.9901, 33.6321



183.0090, 20.2086, 51.7351



165.8830, 0.5507, -36.7314



88.6030, 2.1677, 4.7332



61.8340, 32.6198, 84.3376



12.1190, 6.3503, 16.5586

Previews

White Background



This preview shows how the YUV color 148.6510, 12.9901, 33.6321 looks on a white background.

Color Contrast Check

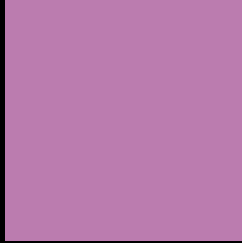
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.6510, 12.9901, 33.6321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

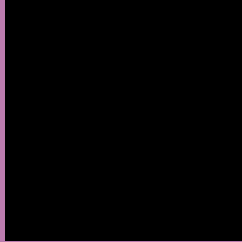
Any Text WCAG AA ✓ Pass

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 148.6510, 12.9901, 33.6321 Background



This preview shows how black text looks on a background with the YUV color 148.6510, 12.9901, 33.6321.



This preview shows how white text looks on a background with the YUV color 148.6510, 12.9901,

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

148.6510, 12.9901, 33.6321

Protanopia

145.2540, 21.5668, -10.7468

Deuteranopia

146.0290, 12.8037, -0.0254



Tritanopia

147.6880, -3.2972, 30.9686

Trichromacy



Original Color

148.6510, 12.9901, 33.6321

Protanomaly

146.5550, 18.4604, 5.6523

Deuteranomaly

147.1060, 12.7657, 12.1850

Tritanomaly

147.5940, 2.6652, 31.9281

Monochromacy



Original Color

148.6510, 12.9901, 33.6321

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.9290, 4.4720, 12.3403

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.6510, 12.9901, 33.6321 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(187, 124, 175)` looks like.

```
.text, #text, p{  
    color:rgb(187, 124, 175)  
}
```

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(187, 124, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 124, 175) }
```

Border

The CSS property to change the border of an element to YUV 148.6510, 12.9901, 33.6321 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(187, 124, 175) }
```


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

```
.border{ border-color:rgb(187, 124, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 124, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 124, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 124, 175);  
box-shadow:4px 4px 4px 4px rgb(187, 124,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 148.6510, 12.9901, 33.6321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 124, 175) }
```

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

```
.background{ background-color: rgb(187,  
124, 175) }
```

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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