

Converting Colors

YUV(134.3740, 16.5776,
49.6610)

Have a look what the booklet for
YUV(134.3740, 16.5776, 49.6610)
contains.

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Color

**YUV(134.3740, 16.5776,
49.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	BF63A8
RGB	191, 99, 168
RGB Percent	75%, 39%, 66%
CMY	0.2510, 0.6118, 0.3412
CMYK	0.00, 0.48, 0.12, 0.25
HSL	315°, 42%, 57%
HSV	315°, 48%, 75%
XYZ	33.0156, 22.8272, 39.7118
YIQ	134.3740, 32.6830, 40.9630

Conversions

Conversions Part 2

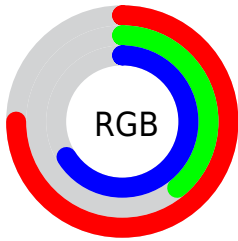
Format	Color
R_{YB}	191, 99, 168
Decimal	12542888
CIE _{Lab}	54.89, 45.90, -20.66
CIE _{LCh}	55, 50.337, 335.763
Yxy	22.8272, 0.3455, 0.2389
Android (android.graphics.Color)	4290732968 (0xFFBF63A8)
YUV	134.3740, 16.5776, 49.6610
Hunter-Lab	47.7778, 39.7365, -15.8359

Details

The YUV color **134.3740, 16.5776, 49.6610** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **155.6260, -16.5776, -49.6610**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.0970, 16.7142, 52.5349**, and **81.1780, 17.1672, 47.2019** is the 20% darker color. If you saturate the color by 10%, you get **122.6510, 19.8921, 59.9421**, and if you desaturate by 10%, it is **146.0970, 13.2632, 39.3799**.

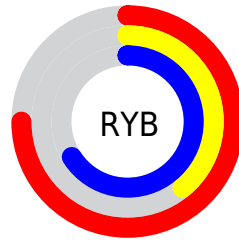
Distribution



Red (75%)

Green (39%)

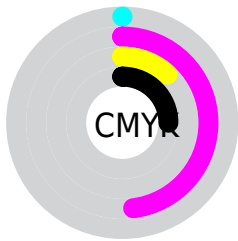
Blue (66%)



Red (75%)

Yellow (39%)

Blue (66%)

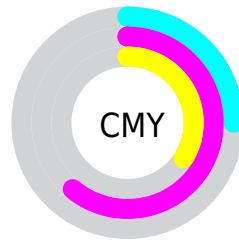


Cyan (0%)

Magenta (48%)

Yellow (12%)

Black (25%)



Cyan (25%)


Magenta (61%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YUV color 134.3740, 16.5776, 49.6610 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 134.3740, 16.5776, 49.6610 by changing the saturation by 10% instead.


 134.3740, 16.5776,
49.6610


 134.3740, 16.5776,
49.6610


255.0000, 0.0000,
0.0000


 107.6620, 16.4356,
48.5314


 189.0970, 16.7142,
52.5349


 81.1780, 17.1672,
47.2019


 210.6330, 20.3939,
38.9099

 52.6450, 18.9090,
48.5463

 227.4110, 13.6014,
24.1956

 32.1560, 17.1781,
43.7132

 244.4340, 5.2090,
9.2664

 22.1730, 11.2537,
30.5433

 12.3040, 5.7661,
17.2734

 0.0000, 0.0000,

0.0000

■ 134.3740, 16.5776,
49.6610

■ 134.3740, 16.5776,
49.6610

■ 122.6510, 19.8921,
59.9421

■ 146.0970, 13.2632,
39.3799

■ 110.9280, 23.2065,
70.2231

■ 157.8200, 9.9487,
29.0989

■ 99.3190, 26.9577,
80.4042

■ 169.4290, 6.1975,
18.9178

■ 87.5960, 30.2722,
90.6853

■ 181.1520, 2.8831,
8.6367

■ 75.2860, 33.8760,
101.4812

■ 193.4620, -0.7208,
-2.1592

■ 73.4110, 34.3074,
103.1256

■ 205.1850, -4.0352,
-12.4402

■ 216.7940, -7.7864,
-22.6213

■ 228.5170,
-11.1009, -32.9024

■ 230.8480, -9.7851,
-34.9467

Harmonies

Analogous

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



134.4750, 33.2898, 9.2304



134.3740, 16.5776, 49.6610



131.3430, -3.1271, 69.8592

Triad

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



134.3740, 16.5776, 49.6610



125.7690, -43.2701, 18.6196



109.2710, 35.3624, -95.8307

Complementary

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



134.3740, 16.5776, 49.6610



155.6260, -16.5776, -49.6610

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.



105.6570, 16.4381, -92.6612



134.3740, 16.5776, 49.6610



120.5240, -31.8103, -17.1225

Square

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



134.3740, 16.5776, 49.6610



128.5090, -38.7049, 47.7886



106.2410, -6.0348, -71.2484



109.0550, 49.7659, -95.6412

Rectangle

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



134.3740, 16.5776, 49.6610



129.4990, -16.5150, 70.5994



106.2410, -6.0348, -71.2484



108.3760, 29.3946, -95.0458

Sweetspot

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



134.3740, 16.5776, 49.6610



226.1300, 6.3449, 18.3030



116.3650, 36.7951, 4.9419



112.1030, 3.8932, 11.3107



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.



134.3740, 16.5776, 49.6610



158.9550, 25.6582, 77.2155



129.1300, -3.5151, 54.2600



88.4890, 1.7309, 4.8331



60.8080, 28.6887, 85.2374



11.8910, 5.4767, 16.7586

Inverse Universe

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



134.3740, 16.5776, 49.6610



158.9550, 25.6582, 77.2155



160.8700, 3.5151, -54.2600



88.4890, 1.7309, 4.8331



60.8080, 28.6887, 85.2374



11.8910, 5.4767, 16.7586

Previews

White Background



This preview shows how the YUV color 134.3740, 16.5776, 49.6610 looks on a white background.

Color Contrast Check

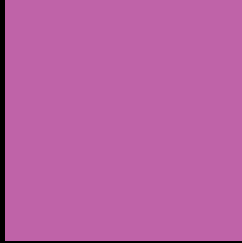
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.3740, 16.5776, 49.6610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

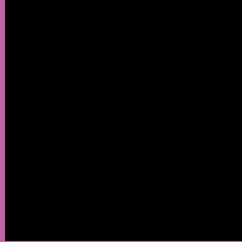
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.3740, 16.5776, 49.6610

Background



This preview shows how black text looks on a background with the YUV color 134.3740, 16.5776, 49.6610.



This preview shows how white text looks on a background with the YUV color 134.3740, 16.5776,

49.6610.

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

134.3740, 16.5776, 49.6610

Protanopia

131.5720, 29.2980, -17.1646

Deuteranopia

132.8760, 14.8511, -3.3993



Tritanopia

133.3370, -7.5611, 45.3085

Trichromacy



Original Color

134.3740, 16.5776, 49.6610

Protanomaly

132.8740, 24.7121, 7.1265

Deuteranomaly

133.5240, 15.5177, 16.2035

Tritanomaly

133.6390, 1.1640, 46.7976

Monochromacy



Original Color

134.3740, 16.5776, 49.6610

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.0160, 5.9081, 18.4030

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.3740, 16.5776, 49.6610 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(191, 99, 168)` looks like.

```
.text, #text, p{  
    color:rgb(191, 99, 168)  
}
```

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(191, 99, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 99, 168) }
```

Border

The CSS property to change the border of an element to YUV 134.3740, 16.5776, 49.6610 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(191, 99, 168) }
```


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

```
.border{ border-color:rgb(191, 99, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 99, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 99, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 99, 168);  
box-shadow:4px 4px 4px 4px rgb(191, 99,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 134.3740, 16.5776, 49.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 99, 168) }
```

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

```
.background{ background-color: rgb(191, 99,  
168) }
```

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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