

Converting Colors

YUV(143.3740, 16.5776,
49.6610)

Have a look what the booklet for
YUV(143.3740, 16.5776, 49.6610)
contains.

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Color

**YUV(143.3740, 16.5776,
49.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	C86CB1
RGB	200, 108, 177
RGB Percent	78%, 42%, 69%
CMY	0.2157, 0.5765, 0.3059
CMYK	0.00, 0.46, 0.12, 0.22
HSL	315°, 46%, 60%
HSV	315°, 46%, 78%
XYZ	37.1178, 26.1788, 44.6917
YIQ	143.3740, 32.6830, 40.9630

Conversions

Conversions Part 2

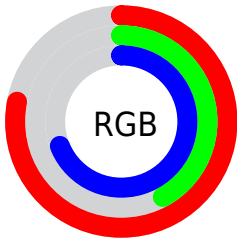
Format	Color
R _{YB}	200, 108, 177
Decimal	13135025
CIE _{Lab}	58.21, 45.61, -20.69
CIE _{LCh}	58, 50.088, 335.599
Yxy	26.1788, 0.3437, 0.2424
Android (android.graphics.Color)	4291325105 (0xFFC86CB1)
YUV	143.3740, 16.5776, 49.6610
Hunter-Lab	51.1652, 39.9536, -15.9728

Details

The YUV color **143.3740, 16.5776, 49.6610** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **164.6260, -16.5776, -49.6610**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.9010, 17.3038, 50.0758**, and **90.0640, 16.7304, 47.3019** is the 20% darker color. If you saturate the color by 10%, you get **131.0640, 20.1814, 60.4569**, and if you desaturate by 10%, it is **155.6840, 12.9738, 38.8651**.

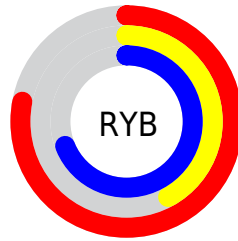
Distribution



Red (78%)

Green (42%)

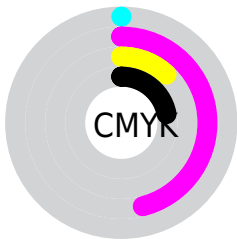
Blue (69%)



Red (78%)

Yellow (42%)

Blue (69%)

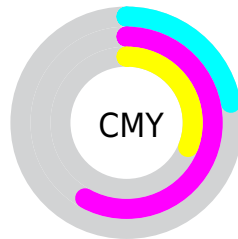


Cyan (0%)

Magenta (46%)

Yellow (12%)

Black (22%)



Cyan (22%)


Magenta (58%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 143.3740, 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 143.3740, 16.5776, 49.6610 by changing the saturation by 10% instead.


 143.3740, 16.5776,
49.6610


 143.3740, 16.5776,
49.6610


255.0000, 0.0000,
0.0000


 116.6620, 16.4356,
48.5314


 197.9010, 17.3038,
50.0758

 90.0640, 16.7304,
47.3019


 216.8450, 18.8104,
33.4619


 62.7050, 17.8934,
47.6167

 233.2810, 10.7075,
19.0476

 35.7590, 19.3458,
48.4464

 250.3040, 2.3151,
4.1184

 25.3630, 13.1320,
34.7616

 16.3910, 7.2022,
23.3361

 0.1140, 0.4368,

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 143.3740, 16.5776,
49.6610

■ 143.3740, 16.5776,
49.6610

■ 131.0640, 20.1814,
60.4569

■ 155.6840, 12.9738,
38.8651

■ 118.7540, 23.7853,
71.2527

■ 167.9940, 9.3700,
28.0693

■ 106.4440, 27.3891,
82.0486

■ 180.3040, 5.7661,
17.2734

■ 94.1340, 30.9929,
92.8445

■ 192.6140, 2.1623,
6.4775

■ 81.8240, 34.5968,
103.6404

■ 204.9240, -1.4415,
-4.3183

■ 76.9000, 36.0383,
107.9587

■ 217.2340, -5.0454,
-15.1142

■ 229.5440, -8.6492,
-25.9101

■ 234.2230, -8.4909,
-30.0136

■ 234.7930, -6.3069,
-30.5135

Harmonies

Analogous

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



143.2900, 33.8740, 8.5157



143.3740, 16.5776, 49.6610



140.2290, -3.5639, 69.9592

Triad

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



143.3740, 16.5776, 49.6610



134.4810, -43.1281, 19.7492



115.5800, 36.6891, -101.3637

Complementary

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



143.3740, 16.5776, 49.6610



164.6260, -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.



111.8520, 17.3280, -98.0942



143.3740, 16.5776, 49.6610



129.8230, -31.9577, -16.5078

Square

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



143.3740, 16.5776, 49.6610



137.2210, -38.5630, 48.9182



117.2200, -7.5035, -66.8449



115.3640, 51.0925, -101.1742

Rectangle

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



143.3740, 16.5776, 49.6610



138.7980, -16.6624, 71.2142



117.2200, -7.5035, -66.8449



114.5710, 30.2845, -100.4788

Sweetspot

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



143.3740, 16.5776, 49.6610



232.8420, 6.4869, 19.4326



125.3650, 36.7951, 4.9419



114.4020, 3.7458, 11.9254



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



143.3740, 16.5776, 49.6610



168.8300, 25.2268, 75.5711



138.1300, -3.5151, 54.2600



93.4890, 1.7309, 4.8331



62.6450, 29.2620, 88.0113



13.8420, 6.4869, 19.4326

Inverse Universe

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



143.3740, 16.5776, 49.6610



168.8300, 25.2268, 75.5711



169.8700, 3.5151, -54.2600



93.4890, 1.7309, 4.8331



62.6450, 29.2620, 88.0113



13.8420, 6.4869, 19.4326

Previews

White Background



This preview shows how the YUV color 143.3740, 16.5776, 49.6610 looks on a white background.

Color Contrast Check

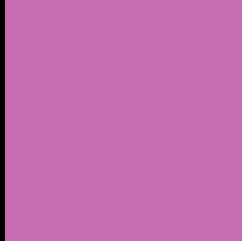
Large Text (above 18pt) WCAG AA ✓ Pass

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 143.3740, 16.5776, 49.6610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

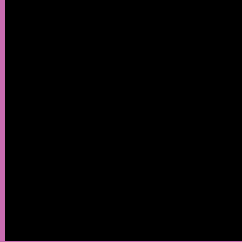
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 143.3740, 16.5776, 49.6610

Background



This preview shows how black text looks on a background with the YUV color 143.3740, 16.5776, 49.6610.



This preview shows how white text looks on a background with the YUV color 143.3740, 16.5776,

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

143.3740, 16.5776, 49.6610

Protanopia

139.9850, 29.5874, -16.6498

Deuteranopia

141.2890, 15.1405, -2.8845



Tritanopia

142.3370, -7.5611, 45.3085

Trichromacy



Original Color

143.3740, 16.5776, 49.6610



Protanomaly

141.2870, 25.0015, 7.6413



Deuteranomaly

141.9370, 15.8071, 16.7183



Tritanomaly

142.6390, 1.1640, 46.7976

Monochromacy



Original Color

143.3740, 16.5776, 49.6610



Achromatopsia

143.0000, 0.0000, 0.0000



Achromatomaly

143.0160, 5.9081, 18.4030

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.3740, 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(200, 108, 177)` looks like.

```
.text, #text, p{  
    color:rgb(200, 108, 177)  
}
```

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(200, 108, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 108, 177) }
```

Border

The CSS property to change the border of an element to YUV 143.3740, 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(200, 108, 177) }
```


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

```
.border{ border-color:rgb(200, 108, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 108, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 108, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 108, 177);  
box-shadow:4px 4px 4px 4px rgb(200, 108,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 143.3740, 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(200, 108, 177) }
```

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

```
.background{ background-color: rgb(200,  
108, 177) }
```

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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