

Converting Colors

YUV(153.4740, 4.6963, 33.7873)

Have a look what the booklet for
YUV(153.4740, 4.6963, 33.7873)
contains.

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Color

**YUV(153.4740, 4.6963,
33.7873)**

Conversions

Conversions Part 1

Format	Color
Hex	C084A3
RGB	192, 132, 163
RGB Percent	75%, 52%, 64%
CMY	0.2471, 0.4824, 0.3608
CMYK	0.00, 0.31, 0.15, 0.25
HSL	329°, 32%, 64%
HSV	329°, 31%, 75%
XYZ	36.6004, 30.3533, 38.5801
YIQ	153.4740, 25.8090, 22.3610

Conversions

Conversions Part 2

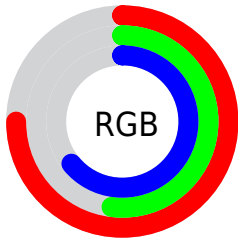
Format	Color
RYB	192, 132, 163
Decimal	12616867
CIELab	61.96, 27.74, -7.11
CIELCh	62, 28.636, 345.615
Yxy	30.3533, 0.3468, 0.2876
Android (android.graphics.Color)	4290806947 (0xFFC084A3)
YUV	153.4740, 4.6963, 33.7873
Hunter-Lab	55.0939, 22.1681, -2.9527

Details

The YUV color **153.4740, 4.6963, 33.7873** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **170.5260, -4.6963, -33.7873**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.4850, 4.6909, 35.5317**, and **101.7510, 4.5598, 30.9134** is the 20% darker color. If you saturate the color by 10%, you get **141.2950, 6.2636, 44.4683**, and if you desaturate by 10%, it is **165.6530, 3.1291, 23.1063**.

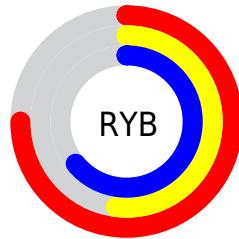
Distribution



Red (75%)

Green (52%)

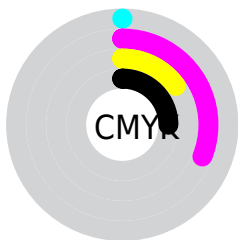
Blue (64%)



Red (75%)

Yellow (52%)

Blue (64%)

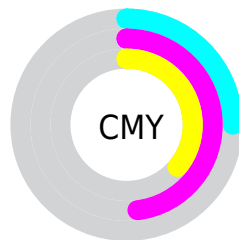


Cyan (0%)

Magenta (31%)

Yellow (15%)

Black (25%)



Cyan (25%)

Magenta (48%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 153.4740, 4.6963, 33.7873 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 153.4740, 4.6963, 33.7873 by changing the saturation by 10% instead.


 153.4740, 4.6963,
33.7873

 153.4740, 4.6963,
33.7873


255.0000, 0.0000,
0.0000

 126.8760, 4.9911,
32.5577


 208.4850, 4.6909,
35.5317

 101.7510, 4.5598,
30.9134


 229.9070, 7.9338,
22.0066

 77.1530, 4.8546,
29.6838

 247.3690, 3.7621,
6.6924

 52.9680, 5.4388,
28.9691

 29.4840, 6.1704,
27.6395

 14.4680, 3.7133,
22.3916

 0.0000, 0.0000,

0.0000

■ 153.4740, 4.6963,
33.7873

■ 153.4740, 4.6963,
33.7873

■ 141.2950, 6.2636,
44.4683

■ 165.6530, 3.1291,
23.1063

■ 129.0020, 7.3940,
55.2492

■ 177.9460, 1.9986,
12.3254

■ 116.2360, 9.2507,
66.4450

■ 190.7120, 0.1420,
1.1296

■ 104.0570, 10.8179,
77.1260

■ 202.8910, -1.4253,
-9.5514

■ 91.8780, 12.3851,
87.8070

■ 215.0700, -2.9925,
-20.2324

■ 79.5850, 13.5156,
98.5880

■ 227.3630, -4.1230,
-31.0134

■ 68.6940, 14.9409,
108.1394

■ 233.0850, -2.5069,
-36.0315

■ 234.1110, 1.4243,
-36.9313

■ 235.2510, 5.7923,
-37.9311

Harmonies

Analogous

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



153.5130, 15.5231, 14.4591



153.4740, 4.6963, 33.7873



152.3150, -7.5503, 41.8197

Triad

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



153.4740, 4.6963, 33.7873



146.6700, -23.0083, 6.4284



136.2280, 24.0446, -58.9590

Complementary

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



153.4740, 4.6963, 33.7873



170.5260, -4.6963, -33.7873

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.



135.6660, 12.9827, -57.5891



153.4740, 4.6963, 33.7873



143.5900, -15.0809, -16.3034

Square

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



153.4740, 4.6963, 33.7873



149.2640, -23.7942, 25.2015



139.5900, -1.7699, -39.1054



143.4460, 26.8951, -39.8561

Rectangle

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



153.4740, 4.6963, 33.7873



151.6540, -15.1124, 40.6454



139.5900, -1.7699, -39.1054



134.8210, 21.2872, -61.2330

Sweetspot

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



153.4740, 4.6963, 33.7873



235.2450, 1.8512, 12.9401



147.5110, 21.9331, 11.8299



115.9840, 0.9939, 7.9070



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.



153.4740, 4.6963, 33.7873



188.9910, 7.3994, 53.5049



150.0540, -8.4076, 36.7866



90.5600, 0.7099, 5.6479



57.6010, 12.5217, 90.6809



11.8050, 2.5611, 18.5880

Inverse Universe

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



153.4740, 4.6963, 33.7873



188.9910, 7.3994, 53.5049



173.9460, 8.4076, -36.7866



90.5600, 0.7099, 5.6479



57.6010, 12.5217, 90.6809



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 153.4740, 4.6963, 33.7873 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 153.4740, 4.6963, 33.7873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

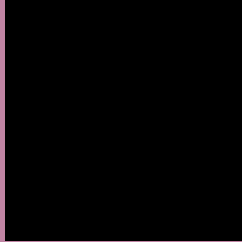
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.4740, 4.6963, 33.7873

Background



This preview shows how black text looks on a background with the YUV color 153.4740, 4.6963, 33.7873.



This preview shows how white text looks on a background with the YUV color 153.4740, 4.6963,

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

153.4740, 4.6963, 33.7873

Protanopia

150.9530, 11.3622, -4.3438

Deuteranopia

151.7820, 4.0515, 7.2072



Tritanopia

152.5850, -3.7394, 32.8130

Trichromacy



Original Color

153.4740, 4.6963, 33.7873

Protanomaly

152.0580, 8.8454, 9.5961

Deuteranomaly

152.5490, 4.1663, 17.0585

Tritanomaly

153.0950, -0.5398, 33.2427

Monochromacy



Original Color

153.4740, 4.6963, 33.7873

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.9460, 1.9986, 12.3254

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.4740, 4.6963, 33.7873 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(192, 132, 163)` looks like.

```
.text, #text, p{  
    color:rgb(192, 132, 163)  
}
```

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(192, 132, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 132, 163) }
```

Border

The CSS property to change the border of an element to YUV 153.4740, 4.6963, 33.7873 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(192, 132, 163) }
```


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

```
.border{ border-color:rgb(192, 132, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 132, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 132, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 132, 163);  
box-shadow:4px 4px 4px 4px rgb(192, 132,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 153.4740, 4.6963, 33.7873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 132, 163) }
```

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

```
.background{ background-color: rgb(192,  
132, 163) }
```

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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