

Converting Colors

YUV(153.7370, 15.9057,
31.8027)

Have a look what the booklet for
YUV(153.7370, 15.9057, 31.8027)
contains.

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Color

**YUV(153.7370, 15.9057,
31.8027)**

Conversions

Conversions Part 1

Format	Color
Hex	BE81BA
RGB	190, 129, 186
RGB Percent	75%, 51%, 73%
CMY	0.2549, 0.4941, 0.2706
CMYK	0.00, 0.32, 0.02, 0.25
HSL	304°, 32%, 63%
HSV	304°, 32%, 75%
XYZ	37.9484, 30.1928, 50.2821
YIQ	153.7370, 18.0590, 30.6590

Conversions

Conversions Part 2

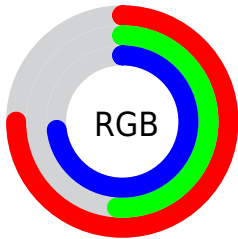
Format	Color
RYB	190, 129, 186
Decimal	12485050
CIELab	61.82, 32.74, -20.42
CIELCh	62, 38.587, 328.055
Yxy	30.1928, 0.3204, 0.2550
Android (android.graphics.Color)	4290675130 (0xFFBE81BA)
YUV	153.7370, 15.9057, 31.8027
Hunter-Lab	54.9480, 27.1173, -15.7918

Details

The YUV color **153.7370, 15.9057, 31.8027** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **165.2630, -15.9057, -31.8027**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.8620, 16.3370, 33.4470**, and **101.6120, 15.4743, 30.1583** is the 20% darker color. If you saturate the color by 10%, you get **142.4700, 20.9673, 41.6838**, and if you desaturate by 10%, it is **165.0040, 10.8440, 21.9215**.

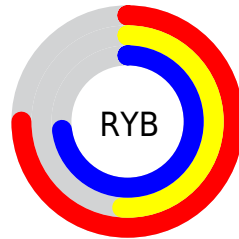
Distribution



Red (75%)

Green (51%)

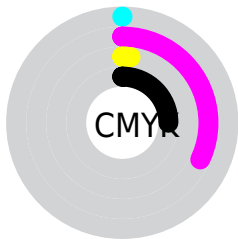
Blue (73%)



Red (75%)

Yellow (51%)

Blue (73%)

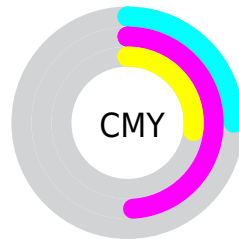


Cyan (0%)

Magenta (32%)

Yellow (2%)

Black (25%)



Cyan (25%)

Magenta (49%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.7370, 15.9057, 31.8027 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 153.7370, 15.9057, 31.8027 by changing the saturation by 10% instead.

■ 153.7370, 15.9057,
31.8027

■ 153.7370, 15.9057,
31.8027

255.0000, 0.0000,
0.0000

■ 127.0250, 15.7637,
30.6731

■ 208.8620, 16.3370,
33.4470

■ 101.6120, 15.4743,
30.1583

■ 229.1720, 12.7332,
22.6512

■ 76.4870, 15.0429,
28.5139

■ 245.6080, 4.6303,
8.2368

■ 52.1880, 15.1903,
27.8991

■ 27.7150, 15.9165,
28.3139

■ 15.9930, 10.8495,
20.1771

■ 2.2970, 6.2626,

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 153.7370, 15.9057,
31.8027

■ 153.7370, 15.9057,
31.8027

■ 142.4700, 20.9673,
41.6838

■ 165.0040, 10.8440,
21.9215

■ 131.2030, 26.0289,
51.5650

■ 176.2710, 5.7824,
12.0403

■ 119.8220, 30.6538,
61.5461

■ 187.6520, 1.1576,
2.0592

■ 108.5550, 35.7154,
71.4273

■ 198.9190, -3.9041,
-7.8220

■ 97.2880, 40.7770,
81.3084

■ 210.1860, -8.9657,
-17.7031

86.0210, 45.8386,
91.1896

221.4530,
-14.0273, -27.5843

77.1020, 49.7427,
99.0115

228.7250,
-16.6264, -33.9618

228.8390,
-16.1896, -34.0618

228.9530,
-15.7528, -34.1618

Harmonies

Analogous

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



151.2580, 28.9598, -1.9803



153.7370, 15.9057, 31.8027



152.4440, 0.2741, 52.2306

Triad

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



153.7370, 15.9057, 31.8027



147.1360, -33.0980, 22.6827



118.5490, 30.2953, -103.9675

Complementary

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



153.7370, 15.9057, 31.8027



165.2630, -15.9057, -31.8027

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.



126.6330, 9.5479, -75.9771



153.7370, 15.9057, 31.8027



143.3390, -27.7751, -4.6823

Square

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



153.7370, 15.9057, 31.8027



148.9460, -28.0744, 44.7744



138.0390, -12.8372, -35.9912



118.6920, 43.5358, -104.0929

Rectangle

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



153.7370, 15.9057, 31.8027



151.3060, -10.5039, 55.8596



138.0390, -12.8372, -35.9912



117.2950, 25.4906, -102.8677

Sweetspot

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



153.7370, 15.9057, 31.8027



232.7980, 6.5086, 12.4552



136.8510, 26.2025, -4.2543



116.0810, 3.9041, 7.8220



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.



153.7370, 15.9057, 31.8027



189.9640, 25.1607, 50.0206



150.3170, 2.8017, 34.8020



88.7170, 2.6045, 4.6332



64.1140, 41.3558, 82.3380



12.5750, 8.0975, 16.1587

Inverse Universe

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



153.7370, 15.9057, 31.8027



189.9640, 25.1607, 50.0206



168.6830, -2.8017, -34.8020



88.7170, 2.6045, 4.6332



64.1140, 41.3558, 82.3380



12.5750, 8.0975, 16.1587

Previews

White Background



This preview shows how the YUV color 153.7370, 15.9057, 31.8027 looks on a white background.

Color Contrast Check

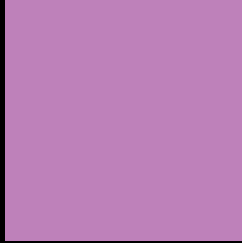
Large Text (above 18pt) WCAG AA × Fail

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 153.7370, 15.9057, 31.8027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

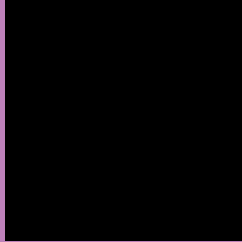
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.7370, 15.9057, 31.8027

Background



This preview shows how black text looks on a background with the YUV color 153.7370, 15.9057, 31.8027.



This preview shows how white text looks on a background with the YUV color 153.7370, 15.9057,

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

153.7370, 15.9057, 31.8027

Protanopia

150.0410, 24.6298, -13.1910

Deuteranopia

150.8160, 15.8667, -2.4696



Tritanopia

152.4920, -2.7076, 28.5095

Trichromacy



Original Color

153.7370, 15.9057, 31.8027



Protanomaly

151.3420, 21.5234, 3.2081



Deuteranomaly

151.8930, 15.8288, 9.7408



Tritanomaly

152.9250, 3.9810, 29.8838

Monochromacy



Original Color

153.7370, 15.9057, 31.8027



Achromatopsia

154.0000, 0.0000, 0.0000



Achromatomaly

153.9720, 5.9298, 11.4256

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.7370, 15.9057, 31.8027 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(190, 129, 186)` looks like.

```
.text, #text, p{  
    color:rgb(190, 129, 186)  
}
```

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(190, 129, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 129, 186) }
```

Border

The CSS property to change the border of an element to YUV 153.7370, 15.9057, 31.8027 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(190, 129, 186) }
```


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

```
.border{ border-color:rgb(190, 129, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 129, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 129, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 129, 186);  
box-shadow:4px 4px 4px 4px rgb(190, 129,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 153.7370, 15.9057, 31.8027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 129, 186) }
```

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

```
.background{ background-color: rgb(190,  
129, 186) }
```

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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