

Converting Colors

YUV(153.4920, 17.5054,
32.0175)

Have a look what the booklet for
YUV(153.4920, 17.5054, 32.0175)
contains.

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Color

**YUV(153.4920, 17.5054,
32.0175)**

Conversions

Conversions Part 1

Format	Color
Hex	BE80BD
RGB	190, 128, 189
RGB Percent	75%, 50%, 74%
CMY	0.2549, 0.4980, 0.2588
CMYK	0.00, 0.33, 0.01, 0.25
HSL	301°, 32%, 62%
HSV	301°, 33%, 75%
XYZ	38.1397, 30.0596, 51.9360
YIQ	153.4920, 17.3710, 32.1150

Conversions

Conversions Part 2

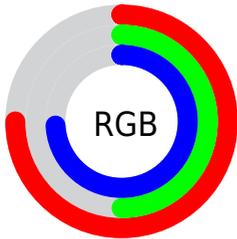
Format	Color
RYB	190, 128, 189
Decimal	12484797
CIELab	61.71, 33.86, -22.29
CIELCh	62, 40.535, 326.638
Yxy	30.0596, 0.3175, 0.2502
Android (android.graphics.Color)	4290674877 (0xFFBE80BD)
YUV	153.4920, 17.5054, 32.0175
Hunter-Lab	54.8267, 28.2253, -17.7854

Details

The YUV color **153.4920, 17.5054, 32.0175** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **164.5080, -17.5054, -32.0175**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.6170, 17.9368, 33.6619**, and **101.0680, 17.2215, 29.7584** is the 20% darker color. If you saturate the color by 10%, you get **142.3390, 23.0039, 41.7987**, and if you desaturate by 10%, it is **164.6450, 12.0070, 22.2363**.

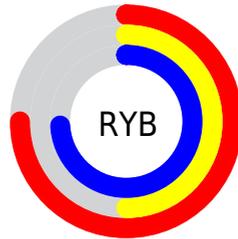
Distribution



Red (75%)

Green (50%)

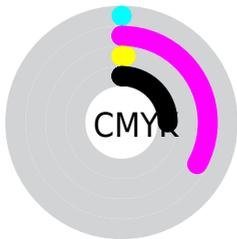
Blue (74%)



Red (75%)

Yellow (50%)

Blue (74%)

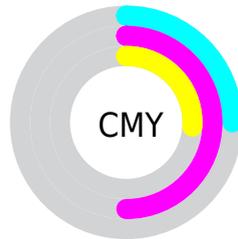


Cyan (0%)

Magenta (33%)

Yellow (1%)

Black (25%)



Cyan (25%)

Magenta (50%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.4920, 17.5054, 32.0175 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 153.4920, 17.5054, 32.0175 by changing the saturation by 10% instead.

 153.4920, 17.5054,
32.0175

 153.4920, 17.5054,
32.0175

255.0000, 0.0000,
0.0000

 126.7800, 17.3635,
30.8879

 208.6170, 17.9368,
33.6619

 101.0680, 17.2215,
29.7584

 228.5850, 13.0226,
23.1660

 76.2420, 16.6427,
28.7288

 245.0210, 4.9196,
8.7516

 51.8290, 16.3533,
28.2140

 26.4700, 17.5163,
28.5288

 16.2210, 11.7230,
19.9772

 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 153.4920, 17.5054,
32.0175

■ 153.4920, 17.5054,
32.0175

■ 142.3390, 23.0039,
41.7987

■ 164.6450, 12.0070,
22.2363

■ 131.0720, 28.0655,
51.6799

■ 175.9120, 6.9454,
12.3552

■ 119.9190, 33.5639,
61.4610

■ 187.0650, 1.4470,
2.5740

■ 108.7660, 39.0624,
71.2422

■ 198.2180, -4.0515,
-7.2072

■ 97.4990, 44.1240,
81.1234

■ 209.4850, -9.1131,
-17.0883

86.3460, 49.6224,
90.9046

220.6380,
-14.6115, -26.8695

78.1280, 53.6739,
98.1117

228.2690,
-18.3736, -33.5619

228.3830,
-17.9368, -33.6619

Harmonies

Analogous

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



150.7030, 30.7124, -4.1245



153.4920, 17.5054, 32.0175



152.0960, 1.4317, 54.2898

Triad

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



153.4920, 17.5054, 32.0175



146.6910, -34.8507, 24.8270



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.



153.4920, 17.5054, 32.0175



164.5080, -17.5054, -32.0175

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.



123.1160, 10.2958, -82.5397



153.4920, 17.5054, 32.0175



143.1820, -29.6697, -3.6676

Square

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



153.4920, 17.5054, 32.0175



148.7290, -28.9534, 46.7187



137.2840, -14.4370, -36.2061



119.3930, 43.6833, -104.7077

Rectangle

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



153.4920, 17.5054, 32.0175



150.4420, -10.0779, 59.2484



137.2840, -14.4370, -36.2061



117.7680, 24.7644, -103.2825

Sweetspot

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



153.4920, 17.5054, 32.0175



232.9120, 6.9454, 12.3552



135.0680, 27.0815, -6.1986



116.1950, 4.3409, 7.7220



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.



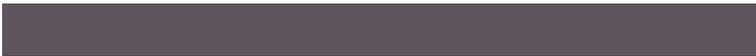
153.4920, 17.5054, 32.0175



190.5340, 27.3447, 49.5207



150.0720, 4.4015, 35.0169



88.7170, 2.6045, 4.6332



65.0260, 44.8502, 81.5382



12.6890, 8.5343, 16.0587

Inverse Universe

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



153.4920, 17.5054, 32.0175



190.5340, 27.3447, 49.5207



167.9280, -4.4015, -35.0169



88.7170, 2.6045, 4.6332



65.0260, 44.8502, 81.5382



12.6890, 8.5343, 16.0587

Previews

White Background



This preview shows how the YUV color 153.4920, 17.5054, 32.0175 looks on a white background.

Color Contrast Check

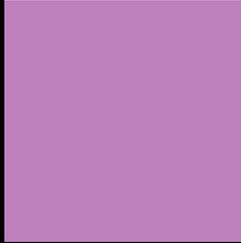
Large Text (above 18pt) WCAG AA × Fail

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 153.4920, 17.5054, 32.0175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

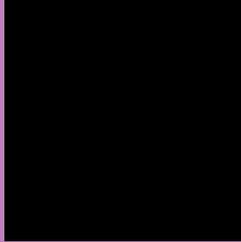
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.4920, 17.5054, 32.0175

Background



This preview shows how black text looks on a background with the YUV color 153.4920, 17.5054, 32.0175.



This preview shows how white text looks on a background with the YUV color 153.4920, 17.5054,

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

153.4920, 17.5054, 32.0175

Protanopia

149.1980, 26.5244, -14.2056

Deuteranopia

150.2610, 17.6193, -4.6139



Tritanopia

151.6060, -2.2708, 28.4095

Trichromacy



Original Color

153.4920, 17.5054, 32.0175



Protanomaly

150.7980, 23.2706, 2.8082



Deuteranomaly

151.0500, 17.7234, 8.7262



Tritanomaly

152.1530, 4.8546, 29.6838

Monochromacy



Original Color

153.4920, 17.5054, 32.0175



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

153.0860, 6.3666, 11.3256

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.4920, 17.5054, 32.0175 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, 128, 189)` looks like.

```
.text, #text, p{  
    color:rgb(190, 128, 189)  
}
```

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, 128, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 128, 189) }
```

Border

The CSS property to change the border of an element to YUV 153.4920, 17.5054, 32.0175 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, 128, 189) }
```

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

```
.border{ border-color:rgb(190, 128, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 128, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 128, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 128, 189);  
box-shadow:4px 4px 4px 4px rgb(190, 128,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 153.4920, 17.5054, 32.0175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 128, 189) }
```

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

```
.background{ background-color: rgb(190,  
128, 189) }
```

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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