

Converting Colors

YUV(154.2830, 4.2975, 21.6768)

Have a look what the booklet for
YUV(154.2830, 4.2975, 21.6768)
contains.

YUV(154.2830, 4.2975, 21.6768)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(154.2830, 4.2975,
21.6768)**

Conversions

Conversions Part 1

Format	Color
Hex	B38CA3
RGB	179, 140, 163
RGB Percent	70%, 55%, 64%
CMY	0.2980, 0.4510, 0.3608
CMYK	0.00, 0.22, 0.09, 0.30
HSL	325°, 20%, 63%
HSV	325°, 22%, 70%
XYZ	34.5793, 30.9842, 38.8084
YIQ	154.2830, 15.8610, 15.4210

Conversions

Conversions Part 2

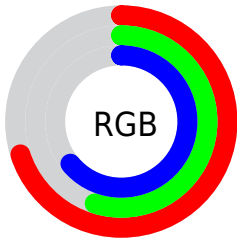
Format	Color
R_{YB}	179, 140, 163
Decimal	11766947
CIE _{Lab}	62.49, 18.60, -6.47
CIE _{LCh}	62, 19.696, 340.829
Yxy	30.9842, 0.3313, 0.2969
Android (android.graphics.Color)	4289957027 (0xFFB38CA3)
YUV	154.2830, 4.2975, 21.6768
Hunter-Lab	55.6635, 13.4770, -2.3723

Details

The YUV color **154.2830, 4.2975, 21.6768** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **164.7170, -4.2975, -21.6768**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.9950, 4.4395, 22.8064**, and **103.1580, 3.8661, 20.0324** is the 20% darker color. If you saturate the color by 10%, you get **142.9190, 6.4489, 31.6430**, and if you desaturate by 10%, it is **165.6470, 2.1460, 11.7106**.

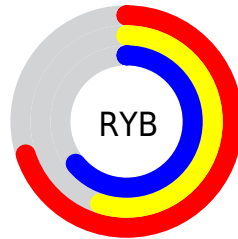
Distribution



Red (70%)

Green (55%)

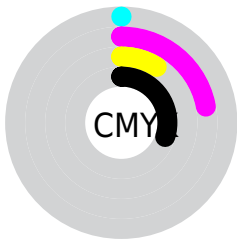
Blue (64%)



Red (70%)

Yellow (55%)

Blue (64%)

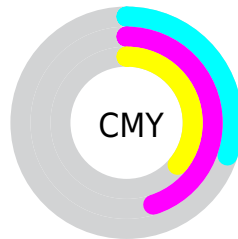


Cyan (0%)

Magenta (22%)

Yellow (9%)

Black (30%)



Cyan (30%)

Magenta (45%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.2830, 4.2975, 21.6768 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 154.2830, 4.2975, 21.6768 by changing the saturation by 10% instead.


 154.2830, 4.2975,
21.6768


 154.2830, 4.2975,
21.6768


255.0000, 0.0000,
0.0000


 127.9840, 4.4449,
21.0620


 208.9950, 4.4395,
22.8064

 103.1580, 3.8661,
20.0324


 234.6030, 5.6187,
17.8882

 78.5600, 4.1609,
18.8029

 252.0650, 1.4470,
2.5740

 55.2610, 4.3083,
18.1881

 33.5490, 4.1663,
17.0585

 12.3750, 4.7451,
18.0881

 0.0000, 0.0000,

0.0000

■ 154.2830, 4.2975,
21.6768

■ 154.2830, 4.2975,
21.6768

■ 142.9190, 6.4489,
31.6430

■ 165.6470, 2.1460,
11.7106

■ 131.4410, 8.1636,
41.7092

■ 177.1250, 0.4314,
1.6444

■ 120.0770, 10.3150,
51.6755

■ 188.4890, -1.7201,
-8.3219

■ 108.7130, 12.4665,
61.6417

■ 199.8530, -3.8715,
-18.2881

■ 97.8220, 13.8918,
71.1931

■ 211.3310, -5.5862,
-28.3543

■ 86.4580, 16.0432,
81.1593

■ 222.1080, -7.4482,
-37.8057

■ 75.0940, 18.1947,
91.1256

■ 227.6020, -6.7058,
-42.6240

■ 65.6050, 19.9147,
99.4474

■ 228.5140, -3.2114,
-43.4238

■ 229.3120, -0.1538,
-44.1236

Harmonies

Analogous

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



153.8450, 11.9084, 7.1519



154.2830, 4.2975, 21.6768



154.0360, -4.4547, 28.9094

Triad

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



154.2830, 4.2975, 21.6768



149.8040, -16.1724, 7.1879



144.4390, 14.0806, -36.3420

Complementary

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



154.2830, 4.2975, 21.6768



164.7170, -4.2975, -21.6768

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.



143.8000, 6.5076, -34.0276



154.2830, 4.2975, 21.6768



147.5570, -11.6136, -8.3815

Square

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



154.2830, 4.2975, 21.6768



151.2940, -15.9209, 19.9132



145.3470, -3.1291, -23.1063



147.5310, 17.9792, -26.7757

Rectangle

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



154.2830, 4.2975, 21.6768



153.3690, -9.5489, 29.4944



145.3470, -3.1291, -23.1063



143.5700, 12.0440, -36.4569

Sweetspot

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



154.2830, 4.2975, 21.6768



221.8100, 1.5727, 8.9366



149.2300, 14.6766, 5.9373



111.2610, 0.8573, 5.0331



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



154.2830, 4.2975, 21.6768



193.9300, 6.4435, 33.3874



152.1170, -4.0017, 23.5764



83.3750, 1.2941, 4.9331



56.0070, 16.7585, 85.0629



9.4840, 2.7194, 14.4845

Inverse Universe

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



154.2830, 4.2975, 21.6768



193.9300, 6.4435, 33.3874



166.8830, 4.0017, -23.5764



83.3750, 1.2941, 4.9331



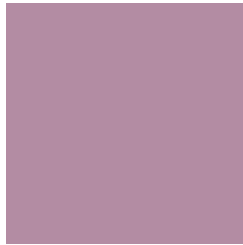
56.0070, 16.7585, 85.0629



9.4840, 2.7194, 14.4845

Previews

White Background



This preview shows how the YUV color 154.2830, 4.2975, 21.6768 looks on a white background.

Color Contrast Check

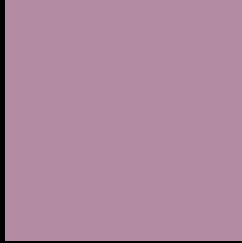
Large Text (above 18pt) WCAG AA × Fail

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 154.2830, 4.2975, 21.6768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

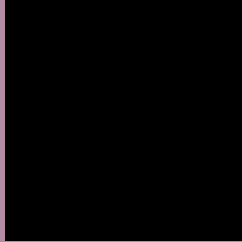
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.2830, 4.2975, 21.6768

Background



This preview shows how black text looks on a background with the YUV color 154.2830, 4.2975, 21.6768.



This preview shows how white text looks on a background with the YUV color 154.2830, 4.2975,

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

154.2830, 4.2975, 21.6768

Protanopia

151.8670, 8.4466, -2.5144

Deuteranopia

152.8960, 4.4883, 7.1072



Tritanopia

154.0180, -0.5019, 21.0322

Trichromacy



Original Color

154.2830, 4.2975, 21.6768

Protanomaly

152.5800, 7.1091, 6.5073

Deuteranomaly

153.2280, 4.3246, 12.9550

Tritanomaly

153.8870, 1.5347, 21.1471

Monochromacy



Original Color

154.2830, 4.2975, 21.6768

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0980, 1.4307, 7.8071

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.2830, 4.2975, 21.6768 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(179, 140, 163)` looks like.

```
.text, #text, p{  
    color:rgb(179, 140, 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(179, 140, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 140, 163) }
```

Border

The CSS property to change the border of an element to YUV 154.2830, 4.2975, 21.6768 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(179, 140, 163) }
```


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

```
.border{ border-color:rgb(179, 140, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 140, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 140, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 140, 163);  
box-shadow:4px 4px 4px 4px rgb(179, 140,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 154.2830, 4.2975, 21.6768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 140, 163) }
```

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

```
.background{ background-color: rgb(179,  
140, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor