

Converting Colors

YUV(153.5110, 21.9331,
11.8299)

Have a look what the booklet for
YUV(153.5110, 21.9331, 11.8299)
contains.

YUV(153.5110, 21.9331, 11.8299)	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(153.5110, 21.9331,
11.8299)**

Conversions

Conversions Part 1

Format	Color
Hex	A78AC6
RGB	167, 138, 198
RGB Percent	65%, 54%, 78%
CMY	0.3451, 0.4588, 0.2235
CMYK	0.16, 0.30, 0.00, 0.22
HSL	269°, 34%, 66%
HSV	269°, 30%, 78%
XYZ	35.2179, 30.4697, 57.4511
YIQ	153.5110, -1.9760, 24.8080

Conversions

Conversions Part 2

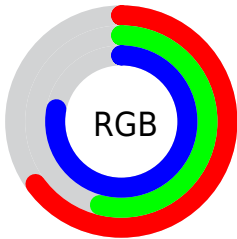
Format	Color
R _Y B	167, 138, 198
Decimal	10980038
CIE Lab	62.06, 22.67, -27.03
CIE LCh	62, 35.279, 309.985
Yxy	30.4697, 0.2860, 0.2474
Android (android.graphics.Color)	4289170118 (0xFFA78AC6)
YUV	153.5110, 21.9331, 11.8299
Hunter-Lab	55.1993, 17.2864, -23.0691

Details

The YUV color **153.5110, 21.9331, 11.8299** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **182.4890, -21.9331, -11.8299**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.4510, 22.9487, 12.7595**, and **102.1580, 20.6281, 10.3854** is the 20% darker color. If you saturate the color by 10%, you get **138.7810, 29.1950, 15.9781**, and if you desaturate by 10%, it is **168.2410, 14.6712, 7.6816**.

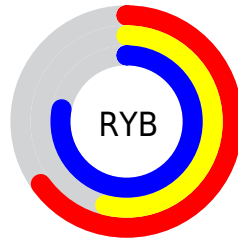
Distribution



Red (65%)

Green (54%)

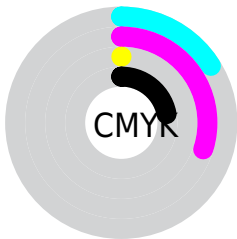
Blue (78%)



Red (65%)

Yellow (54%)

Blue (78%)

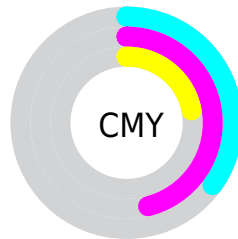


Cyan (16%)

Magenta (30%)

Yellow (0%)

Black (22%)



Cyan (35%)

Magenta (46%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.5110, 21.9331, 11.8299 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 153.5110, 21.9331, 11.8299 by changing the saturation by 10% instead.

■ 153.5110, 21.9331,
11.8299

■ 153.5110, 21.9331,
11.8299

255.0000, 0.0000,
0.0000

■ 127.0980, 21.6437,
11.3151

■ 208.4510, 22.9487,
12.7595

■ 102.1580, 20.6281,
10.3854

■ 233.5580, 10.5709,
16.1736

■ 77.6310, 19.9019,
9.9706

■ 250.8910, 2.0257,
3.6036

■ 54.6910, 18.8863,
9.0410

■ 31.8650, 18.3076,
8.0114

■ 11.9360, 17.2866,
8.8261

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 153.5110, 21.9331,
11.8299

■ 153.5110, 21.9331,
11.8299

■ 138.7810, 29.1950,
15.9781

■ 168.2410, 14.6712,
7.6816

■ 124.0510, 36.4569,
20.1263

■ 182.9710, 7.4093,
3.5334

■ 109.6090, 43.5768,
23.1449

■ 197.4130, 0.2894,
0.5148

■ 94.8790, 50.8387,
27.2931

■ 212.1430, -6.9725,
-3.6334

■ 80.1490, 58.1005,
31.4413

■ 226.8730,
-14.2344, -7.7816

65.4190, 65.3624,
35.5895

240.4290,
-20.9175, -10.9002

51.2760, 72.3349,
39.2229

243.7180,
-22.5390, -4.1377

246.7080,
-24.0130, 2.0101

248.5020,
-24.8975, 5.6987

Harmonies

Analogous

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



148.2830, 30.9195, -23.9272



153.5110, 21.9331, 11.8299



153.9460, 8.9006, 38.6354

Triad

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



153.5110, 21.9331, 11.8299



149.4670, -28.3312, 33.7934



127.6310, 15.9579, -78.6064

Complementary

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



153.5110, 21.9331, 11.8299



182.4890, -21.9331, -11.8299

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.



137.4600, -4.6638, -44.2534



153.5110, 21.9331, 11.8299



146.3950, -29.2817, 11.9316

Square

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



153.5110, 21.9331, 11.8299



151.1450, -19.7915, 48.1078



143.1080, -20.7592, -15.0037



118.4010, 34.8053, -103.8377

Rectangle

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



153.5110, 21.9331, 11.8299



153.3680, -1.1674, 47.9123



143.1080, -20.7592, -15.0037



131.7590, 8.4998, -66.4406

Sweetspot

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



153.5110, 21.9331, 11.8299



237.9110, 8.4249, 4.4631



163.0370, 17.2368, -21.9574



116.8030, 5.5201, 2.8038



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.



153.5110, 21.9331, 11.8299



186.9430, 33.5521, 18.4670



162.4810, 17.5109, 30.2732



92.2220, 3.3416, 1.5593



42.2030, 59.5529, 32.2710



9.1870, 13.2188, 6.8520

Inverse Universe

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



159.4740, 4.6963, 33.7873



195.9800, 7.4049, 51.7605



173.5190, -17.5109, -30.2732



93.2610, 0.8573, 5.0331



58.3130, 12.6637, 91.8105



12.8160, 2.5557, 20.3324

Previews

White Background



This preview shows how the YUV color 153.5110, 21.9331, 11.8299 looks on a white background.

Color Contrast Check

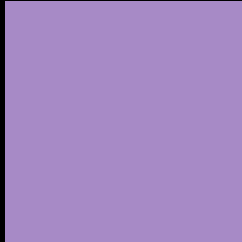
Large Text (above 18pt) WCAG AA × Fail

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 153.5110, 21.9331, 11.8299 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 153.5110, 21.9331, 11.8299

Background



This preview shows how black text looks on a background with the YUV color 153.5110, 21.9331, 11.8299.



This preview shows how white text looks on a background with the YUV color 153.5110, 21.9331, 11.8299.

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

153.5110, 21.9331, 11.8299

Protanopia

150.1270, 27.5454, -15.0204

Deuteranopia

151.0800, 22.1456, -9.7172



Tritanopia

151.4400, 2.7411, 7.5071

Trichromacy



Original Color

153.5110, 21.9331, 11.8299

Protanomaly

151.0250, 25.6237, -5.2839

Deuteranomaly

151.8360, 22.2659, -1.6102

Tritanomaly

152.2860, 9.7190, 9.3962

Monochromacy



Original Color

153.5110, 21.9331, 11.8299

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.7970, 7.9881, 4.5630

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.5110, 21.9331, 11.8299 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(167, 138, 198)` looks like.

```
.text, #text, p{  
    color:rgb(167, 138, 198)  
}
```

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(167, 138, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 138, 198) }
```

Border

The CSS property to change the border of an element to YUV 153.5110, 21.9331, 11.8299 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(167, 138, 198) }
```


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

```
.border{ border-color:rgb(167, 138, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 138, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 138, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 138, 198);  
box-shadow:4px 4px 4px 4px rgb(167, 138,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 153.5110, 21.9331, 11.8299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 138, 198) }
```

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

```
.background{ background-color: rgb(167,  
138, 198) }
```

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