

Converting Colors

YUV(140.5180, 21.4366,
31.1177)

Have a look what the booklet for
YUV(140.5180, 21.4366, 31.1177)
contains.

YUV(140.5180, 21.4366, 31.1177)	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(140.5180, 21.4366,
31.1177)**

Conversions

Conversions Part 1

Format	Color
Hex	B072B8
RGB	176, 114, 184
RGB Percent	69%, 45%, 72%
CMY	0.3098, 0.5529, 0.2784
CMYK	0.04, 0.38, 0.00, 0.28
HSL	293°, 33%, 58%
HSV	293°, 38%, 72%
XYZ	32.5735, 24.7254, 48.4031
YIQ	140.5180, 14.4820, 34.9140

Conversions

Conversions Part 2

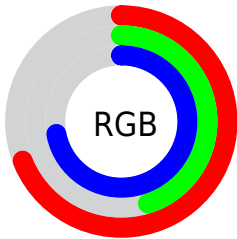
Format	Color
R _Y B	176, 114, 184
Decimal	11563704
CIE Lab	56.81, 36.08, -27.11
CIE LCh	57, 45.129, 323.077
Yxy	24.7254, 0.3082, 0.2339
Android (android.graphics.Color)	4289753784 (0xFFB072B8)
YUV	140.5180, 21.4366, 31.1177
Hunter-Lab	49.7247, 29.9133, -22.9069

Details

The YUV color **140.5180, 21.4366, 31.1177** is a light color, and the websafe version is hex **996699**. A complement of this color would be **157.4820, -21.4366, -31.1177**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.0560, 22.1574, 33.2769**, and **88.9800, 20.7159, 28.9585** is the 20% darker color. If you saturate the color by 10%, you get **129.3540, 26.9405, 39.1545**, and if you desaturate by 10%, it is **151.6820, 15.9328, 23.0809**.

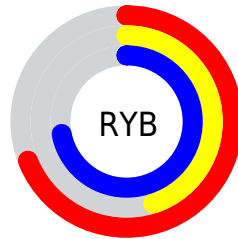
Distribution



Red (69%)

Green (45%)

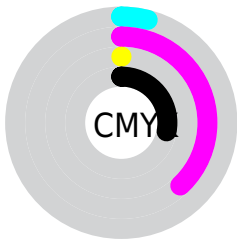
Blue (72%)



Red (69%)

Yellow (45%)

Blue (72%)

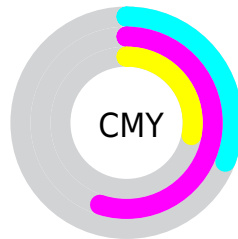


Cyan (4%)

Magenta (38%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (55%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.5180, 21.4366, 31.1177 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 140.5180, 21.4366, 31.1177 by changing the saturation by 10% instead.

■ 140.5180, 21.4366,
31.1177

■ 140.5180, 21.4366,
31.1177

255.0000, 0.0000,
0.0000

■ 114.6920, 20.8578,
30.0881

■ 195.0560, 22.1574,
33.2769

■ 88.9800, 20.7159,
28.9585

■ 219.7800, 17.3635,
30.8879

■ 64.1540, 20.1371,
27.9289

■ 236.2160, 9.2605,
16.4736

■ 38.6810, 20.8633,
28.3438

■ 253.2390, 0.8682,
1.5444

■ 20.6650, 18.4062,
23.0958

■ 11.5790, 12.0396,
11.7702

■ 1.2540, 4.8048,

-1.0998

0.0000, 0.0000,
0.0000

140.5180, 21.4366,
31.1177

140.5180, 21.4366,
31.1177

129.3540, 26.9405,
39.1545

151.6820, 15.9328,
23.0809

117.6030, 32.7337,
47.7062

163.4330, 10.1395,
14.5293

106.4390, 38.2376,
55.7430

174.5970, 4.6357,
6.4924

94.6880, 44.0308,
64.2946

186.3480, -1.1576,
-2.0592

83.2250, 49.6821,
71.7167

197.8110, -6.8088,
-9.4812

72.0610, 55.1859,
79.7535

208.9750,
-12.3127, -17.5181

69.7130, 56.3435,
81.8127

220.7260,
-18.1059, -26.0697

228.3680,
-21.8734, -31.0177

228.9660,
-22.1682, -29.7882

Harmonies

Analogous

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



137.2120, 35.3915, -11.5869



140.5180, 21.4366, 31.1177



138.2150, 4.3310, 57.6934

Triad

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



140.5180, 21.4366, 31.1177



133.2140, -38.0665, 29.6303



110.4960, 27.3635, -96.9050

Complementary

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



140.5180, 21.4366, 31.1177



157.4820, -21.4366, -31.1177

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.



105.9360, 9.8916, -92.9059



140.5180, 21.4366, 31.1177



129.3520, -34.1905, -0.3087

Square

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



140.5180, 21.4366, 31.1177



134.8330, -29.9907, 52.7665



122.7740, -17.6366, -36.6358



111.7960, 42.4986, -98.0451

Rectangle

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



140.5180, 21.4366, 31.1177



137.0450, -7.9102, 63.9815



122.7740, -17.6366, -36.6358



109.0140, 21.6851, -95.6053

Sweetspot

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



140.5180, 21.4366, 31.1177



223.2540, 8.2558, 12.0552



126.6760, 28.2607, -11.1169



110.0100, 4.9251, 7.0072



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



140.5180, 21.4366, 31.1177



170.9560, 34.0387, 49.1506



139.8320, 8.4638, 38.7353



86.4180, 2.7519, 4.0184



59.0460, 47.7983, 69.2427



10.6670, 8.5452, 12.5700

Inverse Universe

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



135.8420, -6.8241, 42.2346



163.6710, -10.6838, 66.9405



158.1680, -8.4638, -38.7353



85.8050, -0.8899, 5.4330



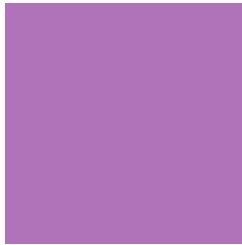
48.6960, -15.1331, 94.1056



8.7140, -2.8170, 16.9138

Previews

White Background



This preview shows how the YUV color 140.5180, 21.4366, 31.1177 looks on a white background.

Color Contrast Check

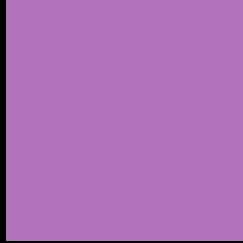
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.5180, 21.4366, 31.1177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

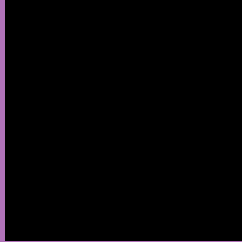
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.5180, 21.4366, 31.1177

Background



This preview shows how black text looks on a background with the YUV color 140.5180, 21.4366, 31.1177.



This preview shows how white text looks on a background with the YUV color 140.5180, 21.4366, 31.1177.

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

140.5180, 21.4366, 31.1177

Protanopia

135.8430, 31.6294, -18.2793

Deuteranopia

136.8520, 21.2720, -9.5172



Tritanopia

138.5950, -2.2653, 26.6652

Trichromacy



Original Color

140.5180, 21.4366, 31.1177

Protanomaly

137.6280, 27.7914, -0.5508

Deuteranomaly

138.2390, 21.0812, 5.0524

Tritanomaly

139.1960, 6.3124, 28.7691

Monochromacy



Original Color

140.5180, 21.4366, 31.1177

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.8410, 7.9664, 11.5404

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.5180, 21.4366, 31.1177 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(176, 114, 184)` looks like.

```
.text, #text, p{  
    color:rgb(176, 114, 184)  
}
```

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(176, 114, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 114, 184) }
```

Border

The CSS property to change the border of an element to YUV 140.5180, 21.4366, 31.1177 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(176, 114, 184) }
```


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

```
.border{ border-color:rgb(176, 114, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 114, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 114, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 114, 184);  
box-shadow:4px 4px 4px 4px rgb(176, 114,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 140.5180, 21.4366, 31.1177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 114, 184) }
```

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

```
.background{ background-color: rgb(176,  
114, 184) }
```

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