

Converting Colors

YUV(147.5180, 21.4366,
31.1177)

Have a look what the booklet for
YUV(147.5180, 21.4366, 31.1177)
contains.

YUV(147.5180, 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(147.5180, 21.4366,
31.1177)**

Conversions

Conversions Part 1

Format	Color
Hex	B779BF
RGB	183, 121, 191
RGB Percent	72%, 47%, 75%
CMY	0.2824, 0.5255, 0.2510
CMYK	0.04, 0.37, 0.00, 0.25
HSL	293°, 35%, 61%
HSV	293°, 37%, 75%
XYZ	35.7698, 27.5036, 52.7137
YIQ	147.5180, 14.4820, 34.9140

Conversions

Conversions Part 2

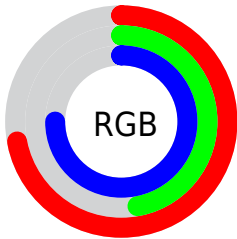
Format	Color
R_{YB}	183, 121, 191
Decimal	12024255
CIE _{Lab}	59.44, 35.83, -26.98
CIE _{LCh}	59, 44.850, 323.021
Yxy	27.5036, 0.3084, 0.2371
Android (android.graphics.Color)	4290214335 (0xFFB779BF)
YUV	147.5180, 21.4366, 31.1177
Hunter-Lab	52.4439, 29.9706, -22.8843

Details

The YUV color **147.5180, 21.4366, 31.1177** is a light color, and the websafe version is hex **996699**. A complement of this color would be **164.4820, -21.4366, -31.1177**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1700, 22.5942, 33.1769**, and **95.8660, 20.2791, 29.0585** is the 20% darker color. If you saturate the color by 10%, you get **135.7670, 27.2299, 39.6693**, and if you desaturate by 10%, it is **159.2690, 15.6434, 22.5661**.

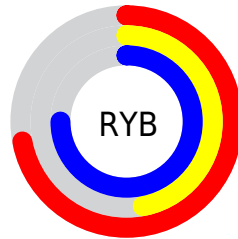
Distribution



Red (72%)

Green (47%)

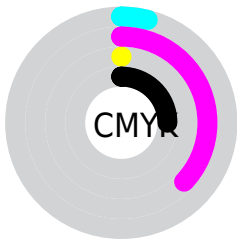
Blue (75%)



Red (72%)

Yellow (47%)

Blue (75%)

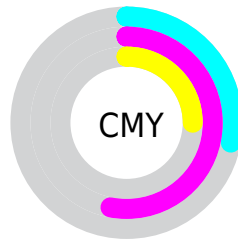


Cyan (4%)

Magenta (37%)

Yellow (0%)

Black (25%)



Cyan (28%)


Magenta (53%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 147.5180, 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 147.5180, 21.4366, 31.1177 by changing the saturation by 10% instead.


 147.5180, 21.4366,
31.1177


 147.5180, 21.4366,
31.1177


255.0000, 0.0000,
0.0000


 121.1050, 21.1472,
30.6029


 202.1700, 22.5942,
33.1769


 95.8660, 20.2791,
29.0585


 223.8890, 15.3377,
27.2843

 70.5670, 20.4265,
28.4437

 240.9120, 6.9454,
12.3552

 45.8550, 20.2845,
27.3142

 23.0290, 19.7057,
26.2846

 14.8400, 12.8969,
16.8033

 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 147.5180, 21.4366,
31.1177

■ 147.5180, 21.4366,
31.1177

■ 135.7670, 27.2299,
39.6693

■ 159.2690, 15.6434,
22.5661

■ 124.0160, 33.0231,
48.2210

■ 171.0200, 9.8501,
14.0145

■ 111.9660, 38.9638,
56.1578

■ 183.0700, 3.9095,
6.0776

■ 100.2150, 44.7570,
64.7094

■ 194.8210, -1.8838,
-2.4740

■ 87.8770, 50.8396,
73.7759

■ 207.1590, -7.9664,
-11.5404

■ 76.1260, 56.6329,
82.3275

■ 218.9100,
-13.7596, -20.0921

■ 72.3050, 58.5166,
84.8015

■ 230.6610,
-19.5529, -28.6437

■ 231.2590,
-19.8477, -27.4141

■ 232.1560,
-20.2899, -25.5698

Harmonies

Analogous

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



143.6250, 35.6809, -11.0721



147.5180, 21.4366, 31.1177



145.8020, 4.0416, 57.1786

Triad

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



147.5180, 21.4366, 31.1177



140.2140, -38.0665, 29.6303



115.4030, 28.3953, -101.2084

Complementary

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



147.5180, 21.4366, 31.1177



164.4820, -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.



110.7290, 10.4866, -97.1093



147.5180, 21.4366, 31.1177



136.3520, -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.



147.5180, 21.4366, 31.1177



142.1320, -30.1381, 53.3812



130.0730, -17.7840, -36.0210



116.7030, 43.5304, -102.3485

Rectangle

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



147.5180, 21.4366, 31.1177



143.9310, -8.3470, 64.0815



130.0730, -17.7840, -36.0210



113.9210, 22.7169, -99.9087

Sweetspot

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



147.5180, 21.4366, 31.1177



230.2540, 8.2558, 12.0552



133.6760, 28.2607, -11.1169



115.0100, 4.9251, 7.0072



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.



147.5180, 21.4366, 31.1177



180.0160, 33.0231, 48.2210



146.8320, 8.4638, 38.7353



88.4180, 2.7519, 4.0184



59.8720, 48.3771, 70.2723



11.6070, 9.5607, 13.4997

Inverse Universe

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



142.8420, -6.8241, 42.2346



172.6600, -10.6784, 65.1962



165.1680, -8.4638, -38.7353



87.8050, -0.8899, 5.4330



49.2940, -15.4279, 95.3352



9.6110, -3.2592, 18.7582

Previews

White Background



This preview shows how the YUV color 147.5180, 21.4366, 31.1177 looks on a white background.

Color Contrast Check

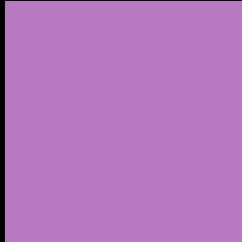
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.5180, 21.4366, 31.1177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

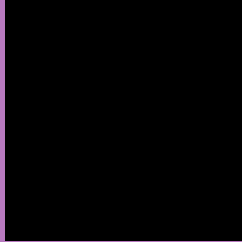
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.5180, 21.4366, 31.1177

Background



This preview shows how black text looks on a background with the YUV color 147.5180, 21.4366, 31.1177.



This preview shows how white text looks on a background with the YUV color 147.5180, 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

147.5180, 21.4366, 31.1177

Protanopia

142.8430, 31.6294, -18.2793

Deuteranopia

144.1510, 21.1246, -8.9024



Tritanopia

145.5950, -2.2653, 26.6652

Trichromacy



Original Color

147.5180, 21.4366, 31.1177

Protanomaly

144.6280, 27.7914, -0.5508

Deuteranomaly

145.5380, 20.9338, 5.6672

Tritanomaly

146.1960, 6.3124, 28.7691

Monochromacy



Original Color

147.5180, 21.4366, 31.1177

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.8410, 7.9664, 11.5404

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.5180, 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(183, 121, 191)` looks like.

```
.text, #text, p{  
    color:rgb(183, 121, 191)  
}
```

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(183, 121, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 121, 191) }
```

Border

The CSS property to change the border of an element to YUV 147.5180, 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(183, 121, 191) }
```


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

```
.border{ border-color:rgb(183, 121, 191) }
```

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

Here you see how a box with a 4 pixel rgb(183, 121, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 121, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 121, 191);  
box-shadow:4px 4px 4px 4px rgb(183, 121,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 147.5180, 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(183, 121, 191) }
```

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

```
.background{ background-color: rgb(183,  
121, 191) }
```

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