

Converting Colors

YUV(146.7860, 14.8955,
29.1287)

Have a look what the booklet for
YUV(146.7860, 14.8955, 29.1287)
contains.

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Color

**YUV(146.7860, 14.8955,
29.1287)**

Conversions

Conversions Part 1	
Format	Color
Hex	B47CB1
RGB	180, 124, 177
RGB Percent	71%, 49%, 69%
CMY	0.2941, 0.5137, 0.3059
CMYK	0.00, 0.31, 0.02, 0.29
HSL	303°, 27%, 60%
HSV	303°, 31%, 71%
XYZ	33.9659, 27.2929, 45.0728
YIQ	146.7860, 16.3630, 28.3550

Conversions

Conversions Part 2

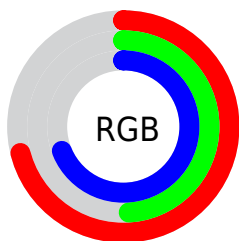
Format	Color
RYB	180, 124, 177
Decimal	11828401
CIELab	59.24, 30.49, -19.32
CIELCh	59, 36.096, 327.633
Yxy	27.2929, 0.3194, 0.2567
Android (android.graphics.Color)	4290018481 (0xFFB47CB1)
YUV	146.7860, 14.8955, 29.1287
Hunter-Lab	52.2426, 24.6282, -14.5832

Details

The YUV color **146.7860, 14.8955, 29.1287** is a light color, and the websafe version is hex **996699**. A complement of this color would be **157.2140, -14.8955, -29.1287**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.3240, 15.6163, 31.2879**, and **95.2480, 14.1747, 26.9695** is the 20% darker color. If you saturate the color by 10%, you get **136.1060, 19.6677, 38.4950**, and if you desaturate by 10%, it is **157.4660, 10.1233, 19.7623**.

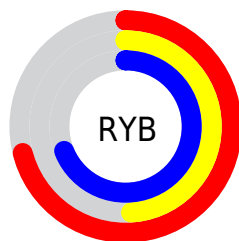
Distribution



Red (71%)

Green (49%)

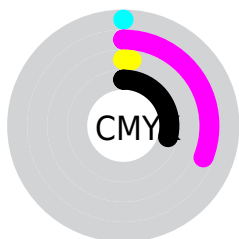
Blue (69%)



Red (71%)

Yellow (49%)

Blue (69%)

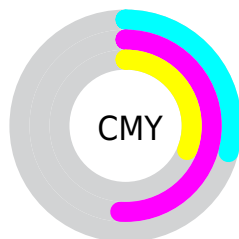


Cyan (0%)

Magenta (31%)

Yellow (2%)

Black (29%)



Cyan (29%)

Magenta (51%)


Yellow (31%)


Brightness & Saturation

Gradients


These gradients show how the YUV color 146.7860, 14.8955, 29.1287 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 146.7860, 14.8955, 29.1287 by changing the saturation by 10% instead.


 146.7860, 14.8955,
29.1287


 146.7860, 14.8955,
29.1287


255.0000, 0.0000,
0.0000


 120.9600, 14.3167,
28.0991


 201.3240, 15.6163,
31.2879


 95.2480, 14.1747,
26.9695


 225.6500, 14.4696,
25.7400

 70.8350, 13.8853,
26.4547

 242.0860, 6.3666,
11.3256

 47.1230, 13.7434,
25.3251

 23.2370, 14.1802,
25.2252

 13.4010, 8.6763,
17.1883

 0.2280, 0.8736,

-0.2000

0.0000, 0.0000,
0.0000

146.7860, 14.8955,
29.1287

146.7860, 14.8955,
29.1287

136.1060, 19.6677,
38.4950

157.4660, 10.1233,
19.7623

125.4260, 24.4400,
47.8614

168.1460, 5.3510,
10.3960

114.7460, 29.2122,
57.2278

178.8260, 0.5788,
1.0296

104.0660, 33.9845,
66.5941

189.5060, -4.1935,
-8.3368

93.3860, 38.7567,
75.9605

200.1860, -8.9657,
-17.7031

■ 82.7060, 43.5289,
85.3268

■ 210.8660,
-13.7379, -27.0695

■ 73.2000, 47.7224,
93.6636

■ 221.5460,
-18.5102, -36.4358

■ 224.5950,
-19.5203, -39.1098

■ 224.7090,
-19.0835, -39.2098

Harmonies

Analogous

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



144.3890, 26.9232, -2.0952



146.7860, 14.8955, 29.1287



145.7100, 0.1430, 47.6123

Triad

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



146.7860, 14.8955, 29.1287



140.5210, -30.3299, 21.4681



112.8270, 28.6793, -98.9493

Complementary

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



146.7860, 14.8955, 29.1287



157.2140, -14.8955, -29.1287

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.



122.9330, 7.9210, -67.4702



146.7860, 14.8955, 29.1287



137.5070, -25.8860, -3.9526

Square

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



146.7860, 14.8955, 29.1287



142.7930, -26.0269, 41.4005



132.2890, -11.9745, -32.7025



113.8130, 40.0252, -98.0600

Rectangle

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



146.7860, 14.8955, 29.1287



144.5120, -9.6194, 52.1710



132.2890, -11.9745, -32.7025



111.6870, 24.3113, -97.9495

Sweetspot

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



146.7860, 14.8955, 29.1287



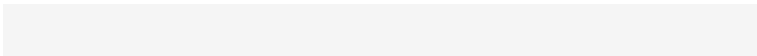
221.8580, 5.4930, 11.5255



131.2810, 24.0185, -3.7544



109.3690, 3.7621, 6.6924



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.



146.7860, 14.8955, 29.1287



183.3610, 22.9930, 45.2874



143.5940, 2.6652, 31.9281



83.7170, 2.6045, 4.6332



62.2770, 40.7824, 79.5641



10.5100, 6.6506, 13.5847

Inverse Universe

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



146.7860, 14.8955, 29.1287



183.3610, 22.9930, 45.2874



160.4060, -2.6652, -31.9281



83.7170, 2.6045, 4.6332



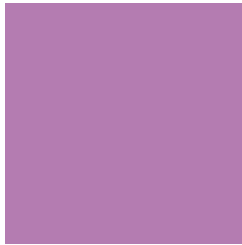
62.2770, 40.7824, 79.5641



10.5100, 6.6506, 13.5847

Previews

White Background



This preview shows how the YUV color 146.7860, 14.8955, 29.1287 looks on a white background.

Color Contrast Check

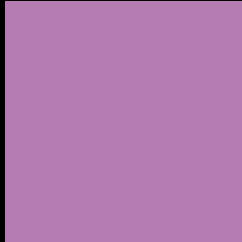
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.7860, 14.8955, 29.1287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

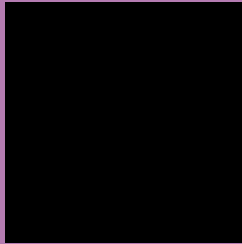
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 146.7860, 14.8955, 29.1287

Background



This preview shows how black text looks on a background with the YUV color 146.7860, 14.8955, 29.1287.



This preview shows how white text looks on a background with the YUV color 146.7860, 14.8955,

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

146.7860, 14.8955, 29.1287

Protanopia

143.1830, 22.5878, -11.5615

Deuteranopia


144.1750, 14.7037, -2.7845






Tritanopia

145.2960, -2.1179, 26.0504

Trichromacy

	Original Color 146.7860, 14.8955, 29.1287
	Protanomaly 144.5870, 19.9236, 2.9932
	Deuteranomaly 144.9530, 14.8132, 8.8112
	Tritanomaly 145.6150, 4.1338, 27.5246

Monochromacy

	Original Color 146.7860, 14.8955, 29.1287
	Achromatopsia 147.0000, 0.0000, 0.0000
	Achromatomaly 147.1460, 5.3510, 10.3960

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.7860, 14.8955, 29.1287 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(180, 124, 177)` looks like.

```
.text, #text, p{  
    color:rgb(180, 124, 177)  
}
```


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(180, 124, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 124, 177) }
```

Border

The CSS property to change the border of an element to YUV 146.7860, 14.8955, 29.1287 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(180, 124, 177) }
```


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

```
.border{ border-color:rgb(180, 124, 177) }
```

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

Here you see how a box with a 4 pixel rgb(180, 124, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 124, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 124, 177);  
box-shadow:4px 4px 4px 4px rgb(180, 124,  
177) }
```


Background

The CSS property to change the background color of an element to YUV 146.7860, 14.8955, 29.1287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 124, 177) }
```

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

```
.background{ background-color: rgb(180,  
124, 177) }
```

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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