

Converting Colors

YUV(145.2720, 7.7539, 33.0875)

Have a look what the booklet for
YUV(145.2720, 7.7539, 33.0875)
contains.

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Color

**YUV(145.2720, 7.7539,
33.0875)**

Conversions

Conversions Part 1

Format	Color
Hex	B77BA1
RGB	183, 123, 161
RGB Percent	72%, 48%, 63%
CMY	0.2824, 0.5176, 0.3686
CMYK	0.00, 0.33, 0.12, 0.28
HSL	322°, 29%, 60%
HSV	322°, 33%, 72%
XYZ	33.0444, 26.8064, 37.1507
YIQ	145.2720, 23.5620, 24.5380

Conversions

Conversions Part 2

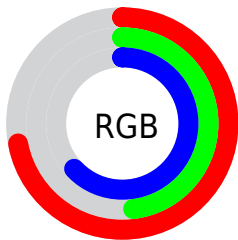
Format	Color
RYB	183, 123, 161
Decimal	12024737
CIELab	58.79, 29.19, -10.80
CIELCh	59, 31.122, 339.698
Yxy	26.8064, 0.3407, 0.2764
Android (android.graphics.Color)	4290214817 (0xFFB77BA1)
YUV	145.2720, 7.7539, 33.0875
Hunter-Lab	51.7749, 23.3184, -6.3007

Details

The YUV color **145.2720, 7.7539, 33.0875** is a light color, and the websafe version is hex **996699**. A complement of this color would be **160.7280, -7.7539, -33.0875**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.6960, 8.0379, 35.3466**, and **93.8480, 7.4699, 30.8283** is the 20% darker color. If you saturate the color by 10%, you get **133.9080, 9.9054, 43.0537**, and if you desaturate by 10%, it is **156.6360, 5.6025, 23.1212**.

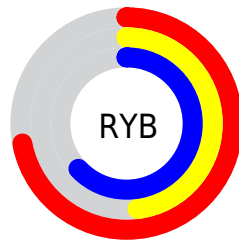
Distribution



Red (72%)

Green (48%)

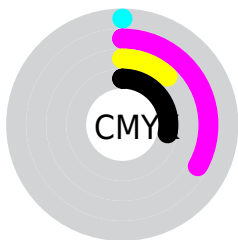
Blue (63%)



Red (72%)

Yellow (48%)

Blue (63%)

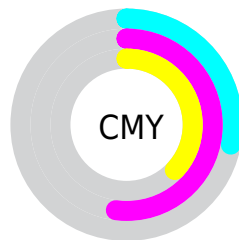


Cyan (0%)

Magenta (33%)

Yellow (12%)

Black (28%)



Cyan (28%)

Magenta (52%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.2720, 7.7539, 33.0875 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 145.2720, 7.7539, 33.0875 by changing the saturation by 10% instead.

 145.2720, 7.7539,
33.0875

 145.2720, 7.7539,
33.0875

255.0000, 0.0000,
0.0000


 119.5600, 7.6119,
31.9579

 199.6960, 8.0379,
35.3466

 93.8480, 7.4699,
30.8283


 223.8090, 9.9542,
27.3545

 69.2500, 7.7648,
29.5987

 241.4990, 6.6560,
11.8404

 45.6520, 8.0596,
28.3692

 21.8800, 8.9332,
28.1692

 12.4460, 3.7241,
18.9029

 0.0000, 0.0000,

0.0000

■ 145.2720, 7.7539,
33.0875

■ 145.2720, 7.7539,
33.0875

■ 133.9080, 9.9054,
43.0537

■ 156.6360, 5.6025,
23.1212

■ 122.0710, 12.7830,
53.4347

■ 168.4730, 2.7248,
12.7402

■ 110.7070, 14.9344,
63.4010

■ 179.8370, 0.5734,
2.7740

■ 99.3430, 17.0859,
73.3672

■ 191.2010, -1.5781,
-7.1923

■ 87.9790, 19.2374,
83.3334

■ 203.1520, -4.0189,
-17.6733

■ 76.1420, 22.1150,
93.7145

■ 214.4020, -6.6072,
-27.5396

■ 67.9410, 23.6931,
100.9067

■ 225.7660, -8.7586,
-37.5058

■ 228.9120, -6.8586,
-40.2648

■ 229.5960, -4.2378,
-40.8647

Harmonies

Analogous

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



144.5170, 19.4651, 10.0706



145.2720, 7.7539, 33.0875



143.9070, -5.3772, 44.8086

Triad

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



145.2720, 7.7539, 33.0875



139.0080, -25.6399, 10.5170



122.2970, 25.9826, -73.9285

Complementary

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



145.2720, 7.7539, 33.0875



160.7280, -7.7539, -33.0875

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.



124.5190, 12.5621, -62.7222



145.2720, 7.7539, 33.0875



135.5150, -18.0019, -12.7297

Square

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



145.2720, 7.7539, 33.0875



141.0690, -24.6840, 30.6345



131.2050, -4.5381, -37.8908



130.8790, 30.1327, -51.6369

Rectangle

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



145.2720, 7.7539, 33.0875



143.4310, -13.5235, 44.3490



131.2050, -4.5381, -37.8908



121.2000, 23.0724, -73.8434

Sweetspot

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



145.2720, 7.7539, 33.0875



221.8860, 3.0142, 13.2550



136.4180, 22.9649, 7.5264



110.6250, 2.1569, 8.2219



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.



145.2720, 7.7539, 33.0875



179.1200, 11.7728, 50.7608



141.8520, -5.3500, 36.0868



86.2610, 0.8573, 5.0331



57.9300, 20.2475, 86.0074



10.4240, 3.7350, 15.4142

Inverse Universe

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



145.2720, 7.7539, 33.0875



179.1200, 11.7728, 50.7608



164.1480, 5.3500, -36.0868



86.2610, 0.8573, 5.0331



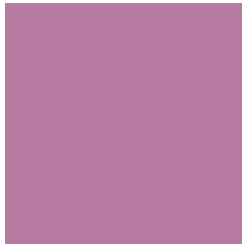
57.9300, 20.2475, 86.0074



10.4240, 3.7350, 15.4142

Previews

White Background



This preview shows how the YUV color 145.2720, 7.7539, 33.0875 looks on a white background.

Color Contrast Check

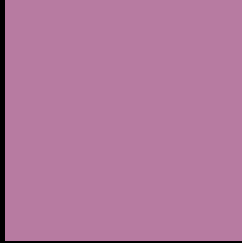
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.2720, 7.7539, 33.0875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

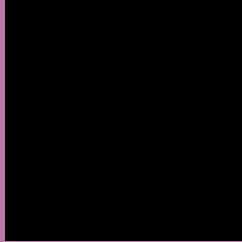
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.2720, 7.7539, 33.0875

Background



This preview shows how black text looks on a background with the YUV color 145.2720, 7.7539, 33.0875.



This preview shows how white text looks on a background with the YUV color 145.2720, 7.7539,

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

145.2720, 7.7539, 33.0875

Protanopia

142.2670, 15.1514, -6.3732

Deuteranopia

143.2700, 7.2619, 4.1482



Tritanopia

143.9870, -3.4446, 31.5834

Trichromacy



Original Color

145.2720, 7.7539, 33.0875

Protanomaly

143.3720, 12.6346, 7.5668

Deuteranomaly

144.3360, 7.2294, 14.6143

Tritanomaly

144.7250, 0.6286, 31.8132

Monochromacy



Original Color

145.2720, 7.7539, 33.0875

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.1740, 2.8722, 12.1254

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.2720, 7.7539, 33.0875 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, 123, 161)` looks like.

```
.text, #text, p{  
    color:rgb(183, 123, 161)  
}
```

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, 123, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 123, 161) }
```

Border

The CSS property to change the border of an element to YUV 145.2720, 7.7539, 33.0875 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, 123, 161) }
```


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

```
.border{ border-color:rgb(183, 123, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 123, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 123, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 123, 161);  
box-shadow:4px 4px 4px 4px rgb(183, 123,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 145.2720, 7.7539, 33.0875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 123, 161) }
```

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

```
.background{ background-color: rgb(183,  
123, 161) }
```

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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