

Converting Colors

YUV(140.7380, 14.4262,
39.6948)

Have a look what the booklet for
YUV(140.7380, 14.4262, 39.6948)
contains.

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Color

**YUV(140.7380, 14.4262,
39.6948)**

Conversions

Conversions Part 1

Format	Color
Hex	BA70AA
RGB	186, 112, 170
RGB Percent	73%, 44%, 67%
CMY	0.2706, 0.5608, 0.3333
CMYK	0.00, 0.40, 0.09, 0.27
HSL	313°, 35%, 58%
HSV	313°, 40%, 73%
XYZ	33.2996, 24.9297, 41.0870
YIQ	140.7380, 25.4860, 33.7260

Conversions

Conversions Part 2

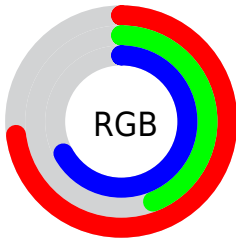
Format	Color
RYB	186, 112, 170
Decimal	12218538
CIELab	57.01, 37.80, -18.65
CIELCh	57, 42.149, 333.735
Yxy	24.9297, 0.3353, 0.2510
Android (android.graphics.Color)	4290408618 (0xFFBA70AA)
YUV	140.7380, 14.4262, 39.6948
Hunter-Lab	49.9297, 31.6700, -13.8389

Details

The YUV color **140.7380, 14.4262, 39.6948** is a light color, and the websafe version is hex **996699**. A complement of this color would be **157.2620, -14.4262, -39.6948**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.1620, 14.7101, 41.9539**, and **89.0150, 14.2896, 36.8208** is the 20% darker color. If you saturate the color by 10%, you get **129.1290, 18.1774, 49.8759**, and if you desaturate by 10%, it is **152.3470, 10.6749, 29.5137**.

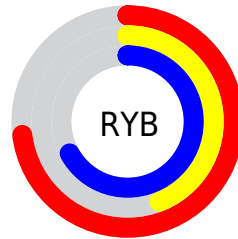
Distribution



Red (73%)

Green (44%)

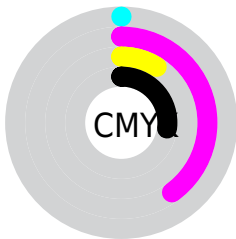
Blue (67%)



Red (73%)

Yellow (44%)

Blue (67%)

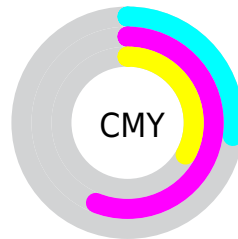


Cyan (0%)

Magenta (40%)

Yellow (9%)

Black (27%)



Cyan (27%)

Magenta (56%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.7380, 14.4262, 39.6948 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 140.7380, 14.4262, 39.6948 by changing the saturation by 10% instead.

140.7380, 14.4262,
39.6948

140.7380, 14.4262,
39.6948

255.0000, 0.0000,
0.0000

114.0260, 14.2842,
38.5652

195.1620, 14.7101,
41.9539

89.0150, 14.2896,
36.8208

218.4920, 17.5054,
32.0175

63.7160, 14.4370,
36.2061

235.0420, 9.8393,
17.5032

36.7700, 15.8894,
37.0357

252.0650, 1.4470,
2.5740

21.8030, 12.4221,
29.1138

12.8310, 6.4923,
17.6882

0.0000, 0.0000,

0.0000

140.7380, 14.4262,
39.6948

140.7380, 14.4262,
39.6948

129.1290, 18.1774,
49.8759

152.3470, 10.6749,
29.5137

118.1070, 21.6392,
59.5422

163.3690, 7.2131,
19.8474

106.4980, 25.3905,
69.7233

174.9780, 3.4618,
9.6663

95.4760, 28.8523,
79.3895

186.0000, 0.0000,
0.0000

83.8670, 32.6036,
89.5706

197.6090, -3.7512,
-10.1811

72.2580, 36.3548,
99.7517

209.2180, -7.5025,
-20.3622

■ 220.2400,
-10.9643, -30.0285

■ 228.3270,
-12.9792, -37.1208

■ 228.7830,
-11.2320, -37.5207

Harmonies

Analogous

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



139.6010, 28.7907, 5.6119



140.7380, 14.4262, 39.6948



138.7930, -2.3629, 58.0635

Triad

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



140.7380, 14.4262, 39.6948



132.8320, -35.4132, 18.5643



110.5760, 32.7470, -96.9752

Complementary

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



140.7380, 14.4262, 39.6948



157.2620, -14.4262, -39.6948

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.



107.5320, 16.0067, -94.3056



140.7380, 14.4262, 39.6948



129.2950, -27.7534, -11.6597

Square

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



140.7380, 14.4262, 39.6948



135.6100, -31.8527, 43.3150



121.5860, -9.1629, -47.8719



110.4910, 45.1139, -96.9006

Rectangle

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



140.7380, 14.4262, 39.6948



137.4160, -14.0091, 60.1482



121.5860, -9.1629, -47.8719



109.7950, 27.2161, -96.2902

Sweetspot

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



140.7380, 14.4262, 39.6948



224.2930, 5.7716, 15.5290



124.9210, 30.1119, 1.8233



111.6790, 3.6093, 9.0515



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



140.7380, 14.4262, 39.6948



171.0580, 22.6494, 62.2161



136.6340, -1.2986, 43.2940



86.4890, 1.7309, 4.8331



60.5520, 30.2939, 83.7079



10.8800, 5.4822, 15.0142

Inverse Universe

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



140.7380, 14.4262, 39.6948



171.0580, 22.6494, 62.2161



161.3660, 1.2986, -43.2940



86.4890, 1.7309, 4.8331



60.5520, 30.2939, 83.7079



10.8800, 5.4822, 15.0142

Previews

White Background



This preview shows how the YUV color 140.7380, 14.4262, 39.6948 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 140.7380, 14.4262, 39.6948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

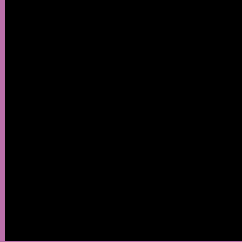
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.7380, 14.4262, 39.6948

Background



This preview shows how black text looks on a background with the YUV color 140.7380, 14.4262, 39.6948.



This preview shows how white text looks on a background with the YUV color 140.7380, 14.4262, 39.6948.

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

140.7380, 14.4262, 39.6948

Protanopia

137.0410, 24.6298, -13.1910

Deuteranopia

138.2460, 13.6827, -1.9697



Tritanopia

139.2650, -5.0606, 36.6016

Trichromacy



Original Color

140.7380, 14.4262, 39.6948



Protanomaly

138.5380, 20.9338, 5.6672



Deuteranomaly

139.0460, 13.7813, 13.1147



Tritanomaly

139.8120, 2.0647, 37.8759

Monochromacy



Original Color

140.7380, 14.4262, 39.6948



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

140.5810, 5.6296, 14.3995

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.7380, 14.4262, 39.6948 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(186, 112, 170)` looks like.

```
.text, #text, p{  
    color:rgb(186, 112, 170)  
}
```

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(186, 112, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 112, 170) }
```

Border

The CSS property to change the border of an element to YUV 140.7380, 14.4262, 39.6948 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(186, 112, 170) }
```


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

```
.border{ border-color:rgb(186, 112, 170) }
```

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

Here you see how a box with a 4 pixel rgb(186, 112, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 112, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 112, 170);  
box-shadow:4px 4px 4px 4px rgb(186, 112,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 140.7380, 14.4262, 39.6948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 112, 170) }
```

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

```
.background{ background-color: rgb(186,  
112, 170) }
```

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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