

Converting Colors

YUV(140.8420, 9.9379, 32.5876)

Have a look what the booklet for
YUV(140.8420, 9.9379, 32.5876)
contains.

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Color

**YUV(140.8420, 9.9379,
32.5876)**

Conversions

Conversions Part 1

Format	Color
Hex	B276A1
RGB	178, 118, 161
RGB Percent	70%, 46%, 63%
CMY	0.3020, 0.5373, 0.3686
CMYK	0.00, 0.34, 0.10, 0.30
HSL	317°, 28%, 58%
HSV	317°, 34%, 70%
XYZ	31.2716, 24.9951, 36.8945
YIQ	140.8420, 21.9570, 26.0930

Conversions

Conversions Part 2

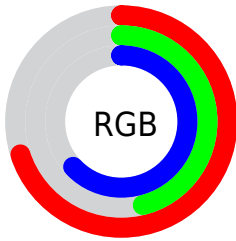
Format	Color
RYB	178, 118, 161
Decimal	11695777
CIELab	57.07, 30.22, -13.45
CIELCh	57, 33.074, 336.007
Yxy	24.9951, 0.3357, 0.2683
Android (android.graphics.Color)	4289885857 (0xFFB276A1)
YUV	140.8420, 9.9379, 32.5876
Hunter-Lab	49.9951, 24.1591, -8.7573

Details

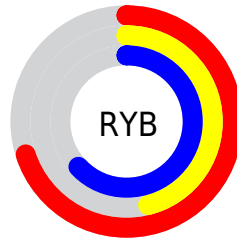
The YUV color **140.8420, 9.9379, 32.5876** is a light color, and the websafe version is hex **996699**. A complement of this color would be **155.1580, -9.9379, -32.5876**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.2660, 10.2219, 34.8467**, and **89.4180, 9.6539, 30.3284** is the 20% darker color. If you saturate the color by 10%, you get **129.7060, 12.9629, 42.3538**, and if you desaturate by 10%, it is **151.9780, 6.9128, 22.8213**.

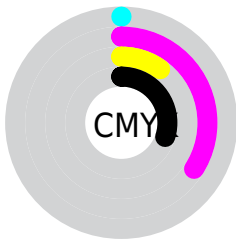
Distribution



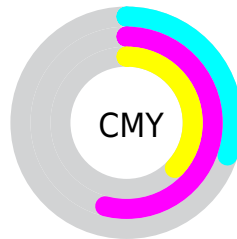
- Red (70%)
- Green (46%)
- Blue (63%)



- Red (70%)
- Yellow (46%)
- Blue (63%)



- Cyan (0%)
- Magenta (34%)
- Yellow (10%)
- Black (30%)



- Cyan (30%)
- Magenta (54%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.8420, 9.9379, 32.5876 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 140.8420, 9.9379, 32.5876 by changing the saturation by 10% instead.


 140.8420, 9.9379,
32.5876

 140.8420, 9.9379,
32.5876


255.0000, 0.0000,
0.0000

 115.1300, 9.7959,
31.4580


 195.2660, 10.2219,
34.8467


 89.4180, 9.6539,
30.3284

 220.8740, 11.4011,
29.9285

 65.4070, 9.6593,
28.5841

 238.5640, 8.1029,
14.4144

 41.5210, 10.0961,
28.4841

 19.5100, 10.1016,
26.7397

 10.2390, 4.3192,
14.6994

 0.0000, 0.0000,

0.0000

■ 140.8420, 9.9379,
32.5876

■ 140.8420, 9.9379,
32.5876

■ 129.7060, 12.9629,
42.3538

■ 151.9780, 6.9128,
22.8213

■ 118.5700, 15.9880,
52.1201

■ 163.1140, 3.8878,
13.0550

■ 108.0210, 18.7236,
61.3716

■ 173.6630, 1.1521,
3.8035

■ 96.8850, 21.7487,
71.1379

■ 184.7990, -1.8729,
-5.9627

■ 85.7490, 24.7737,
80.9041

■ 195.9350, -4.8980,
-15.7290

■ 74.6130, 27.7988,
90.6704

■ 207.0710, -7.9230,
-25.4953

■ 67.8140, 29.6717,
96.6331

■ 218.2070,
-10.9481, -35.2615

■ 225.8210,
-12.2368, -41.9390

■ 226.3910,
-10.0528, -42.4389

Harmonies

Analogous

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



139.7770, 21.8019, 7.2116



140.8420, 9.9379, 32.5876



139.3740, -3.6354, 46.1530

Triad

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



140.8420, 9.9379, 32.5876



134.2750, -27.2506, 13.7908



108.0170, 30.5576, -94.7309

Complementary

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



140.8420, 9.9379, 32.5876



155.1580, -9.9379, -32.5876

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.



117.3720, 12.1416, -67.8552



140.8420, 9.9379, 32.5876



130.8420, -20.6281, -10.3854

Square

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



140.8420, 9.9379, 32.5876



136.5640, -25.4211, 33.7084



126.0480, -6.4327, -36.8761



122.4970, 32.7860, -62.7029

Rectangle

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



140.8420, 9.9379, 32.5876



138.6810, -12.6607, 47.6378



126.0480, -6.4327, -36.8761



107.5780, 26.3370, -94.3459

Sweetspot

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



140.8420, 9.9379, 32.5876



217.7010, 3.5984, 12.5402



129.9230, 23.7020, 4.4525



108.3260, 2.3043, 7.6071



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.



140.8420, 9.9379, 32.5876



174.4450, 15.5566, 50.4757



137.4220, -3.1660, 35.5869



83.4890, 1.7309, 4.8331



58.2870, 25.4945, 83.0633



9.8260, 4.0298, 14.1846

Inverse Universe

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



140.8420, 9.9379, 32.5876



174.4450, 15.5566, 50.4757



158.5780, 3.1660, -35.5869



83.4890, 1.7309, 4.8331



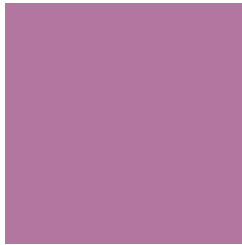
58.2870, 25.4945, 83.0633



9.8260, 4.0298, 14.1846

Previews

White Background



This preview shows how the YUV color 140.8420, 9.9379, 32.5876 looks on a white background.

Color Contrast Check

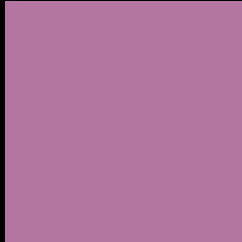
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.8420, 9.9379, 32.5876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

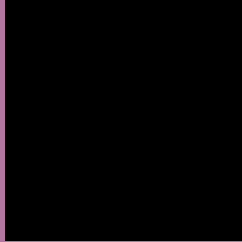
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.8420, 9.9379, 32.5876

Background



This preview shows how black text looks on a background with the YUV color 140.8420, 9.9379, 32.5876.



This preview shows how white text looks on a background with the YUV color 140.8420, 9.9379,

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

140.8420, 9.9379, 32.5876

Protanopia

137.8260, 17.3408, -8.6174

Deuteranopia

138.8290, 9.4513, 1.9040



Tritanopia

139.6880, -3.2972, 30.9686

Trichromacy



Original Color

140.8420, 9.9379, 32.5876

Protanomaly

138.6430, 14.9660, 6.4521

Deuteranomaly

139.3080, 9.7082, 12.8849

Tritanomaly

139.9530, 1.5022, 31.6132

Monochromacy



Original Color

140.8420, 9.9379, 32.5876

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.9890, 3.4564, 11.4106

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.8420, 9.9379, 32.5876 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(178, 118, 161)` looks like.

```
.text, #text, p{  
    color:rgb(178, 118, 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(178, 118, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 118, 161) }
```

Border

The CSS property to change the border of an element to YUV 140.8420, 9.9379, 32.5876 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(178, 118, 161) }
```


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

```
.border{ border-color:rgb(178, 118, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 118, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 118, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 118, 161);  
box-shadow:4px 4px 4px 4px rgb(178, 118,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 140.8420, 9.9379, 32.5876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 118, 161) }
```

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

```
.background{ background-color: rgb(178,  
118, 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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