

Converting Colors

YUV(147.7640, 35.1193,
29.1480)

Have a look what the booklet for
YUV(147.7640, 35.1193, 29.1480)
contains.

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Color

**YUV(147.7640, 35.1193,
29.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	B575DB
RGB	181, 117, 219
RGB Percent	71%, 46%, 86%
CMY	0.2902, 0.5412, 0.1412
CMYK	0.17, 0.47, 0.00, 0.14
HSL	278°, 59%, 66%
HSV	278°, 47%, 86%
XYZ	38.2035, 27.6608, 70.3434
YIQ	147.7640, 5.4020, 45.2900

Conversions

Conversions Part 2

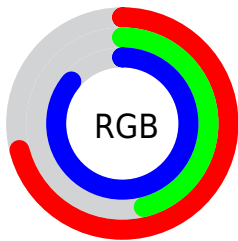
Format	Color
R_{YB}	181, 117, 219
Decimal	11892187
CIE _{Lab}	59.58, 43.22, -42.58
CIE _{LCh}	60, 60.673, 315.424
Yxy	27.6608, 0.2805, 0.2031
Android (android.graphics.Color)	4290082267 (0xFFB575DB)
YUV	147.7640, 35.1193, 29.1480
Hunter-Lab	52.5935, 37.6223, -42.4843

Details

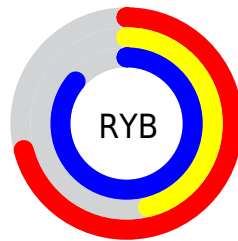
The YUV color **147.7640, 35.1193, 29.1480** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **188.2360, -35.1193, -29.1480**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.6090, 26.8148, 32.7919**, and **94.9980, 33.5250, 27.1888** is the 20% darker color. If you saturate the color by 10%, you get **132.4580, 42.6652, 35.5553**, and if you desaturate by 10%, it is **163.0700, 27.5735, 22.7406**.

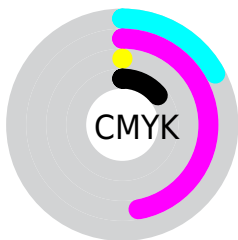
Distribution



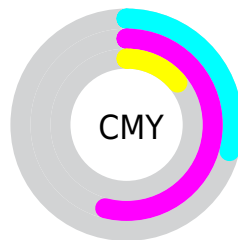
- Red (71%)
- Green (46%)
- Blue (86%)



- Red (71%)
- Yellow (46%)
- Blue (86%)



- Cyan (17%)
- Magenta (47%)
- Yellow (0%)
- Black (14%)



- Cyan (29%)
- Magenta (54%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.7640, 35.1193, 29.1480 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 147.7640, 35.1193, 29.1480 by changing the saturation by 10% instead.

147.7640, 35.1193,
29.1480

147.7640, 35.1193,
29.1480

255.0000, 0.0000,
0.0000

120.9380, 34.5406,
28.1184

200.6090, 26.8148,
32.7919

94.9980, 33.5250,
27.1888

221.5410, 16.4953,
29.3435

69.2860, 33.3830,
26.0592

238.5640, 8.1029,
14.4144

42.6990, 33.6724,
26.5740

23.8570, 30.6365,
20.2964

14.8420, 23.2489,
9.7856

6.2070, 16.1669,

-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 147.7640, 35.1193,
29.1480

■ 147.7640, 35.1193,
29.1480

■ 132.4580, 42.6652,
35.5553

■ 163.0700, 27.5735,
22.7406

■ 117.1520, 50.2111,
41.9627

■ 178.3760, 20.0276,
16.3332

■ 101.8460, 57.7569,
48.3701

■ 193.6820, 12.4818,
9.9259

■ 86.2410, 65.4502,
54.1626

■ 209.2870, 4.7885,
4.1333

71.5220, 72.7067,
60.0552

224.0060, -2.4680,
-1.7593

65.9290, 75.4640,
62.3293

239.3120,
-10.0138, -8.1666

245.8130,
-13.2188, -6.8520

248.2050,
-14.3981, -1.9338

250.5970,
-15.5773, 2.9844

Harmonies

Analogous

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



137.2480, 54.1077, -41.4365



147.7640, 35.1193, 29.1480



143.8330, 13.8863, 72.9375

Triad

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



147.7640, 35.1193, 29.1480



137.7250, -53.1084, 47.5992



118.5830, 25.3486, -103.9973

Complementary

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



147.7640, 35.1193, 29.1480



188.2360, -35.1193, -29.1480

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.



111.1390, 1.9035, -97.4689



147.7640, 35.1193, 29.1480



133.6680, -53.5733, 9.9382

Square

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



147.7640, 35.1193, 29.1480



139.4230, -34.7185, 75.9280



126.2070, -31.1611, -38.7695



122.4080, 47.6199, -107.3518

Rectangle

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



147.7640, 35.1193, 29.1480



140.3820, -2.1603, 86.4880



126.2070, -31.1611, -38.7695



116.5310, 17.4862, -102.1977

Sweetspot

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



147.7640, 35.1193, 29.1480



229.9810, 12.3344, 10.5407



151.5210, 33.2671, -30.2749



112.3950, 7.6933, 5.7926



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



147.7640, 35.1193, 29.1480



155.2120, 49.1955, 41.0331



157.7580, 24.2763, 53.7092



102.3470, 3.7729, 3.2037



52.3130, 59.4987, 49.7145



13.9150, 15.8179, 13.2295

Inverse Universe

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



151.8300, 1.5628, 58.9081



160.7990, 2.0711, 82.6143



178.2420, -24.2763, -53.7092



102.7450, 0.1257, 6.3626



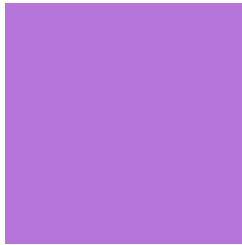
59.1370, 2.8905, 99.8579



15.6920, 0.6448, 26.5801

Previews

White Background



This preview shows how the YUV color 147.7640, 35.1193, 29.1480 looks on a white background.

Color Contrast Check

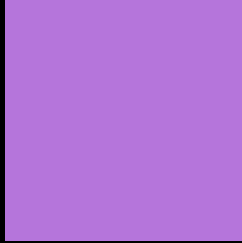
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.7640, 35.1193, 29.1480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

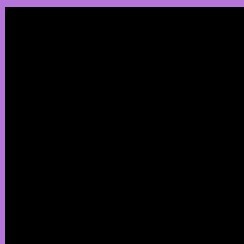
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.7640, 35.1193, 29.1480

Background



This preview shows how black text looks on a background with the YUV color 147.7640, 35.1193, 29.1480.



This preview shows how white text looks on a background with the YUV color 147.7640, 35.1193,

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

147.7640, 35.1193, 29.1480

Protanopia

140.9240, 48.8445, -33.2593

Deuteranopia

141.8250, 35.5823, -26.1565



Tritanopia

145.7190, -0.3545, 20.4174

Trichromacy



Original Color

147.7640, 35.1193, 29.1480

Protanomaly

143.1010, 43.8272, -10.6126

Deuteranomaly

144.2450, 35.3752, -6.3539

Tritanomaly

146.4710, 12.5858, 23.2659

Monochromacy



Original Color

147.7640, 35.1193, 29.1480

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.0950, 12.7712, 10.4407

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.7640, 35.1193, 29.1480 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(181, 117, 219)` looks like.

```
.text, #text, p{  
    color:rgb(181, 117, 219)  
}
```

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(181, 117, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 117, 219) }
```

Border

The CSS property to change the border of an element to YUV 147.7640, 35.1193, 29.1480 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(181, 117, 219) }
```


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

```
.border{ border-color:rgb(181, 117, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 117, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 117, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 117, 219);  
box-shadow:4px 4px 4px 4px rgb(181, 117,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 147.7640, 35.1193, 29.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 117, 219) }
```

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

```
.background{ background-color: rgb(181,  
117, 219) }
```

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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