

Converting Colors

YUV(147.2060, 31.4504,
39.2843)

Have a look what the booklet for
YUV(147.2060, 31.4504, 39.2843)
contains.

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Color

**YUV(147.2060, 31.4504,
39.2843)**

Conversions

Conversions Part 1

Format	Color
Hex	C070D3
RGB	192, 112, 211
RGB Percent	75%, 44%, 83%
CMY	0.2471, 0.5608, 0.1725
CMYK	0.09, 0.47, 0.00, 0.17
HSL	288°, 53%, 63%
HSV	288°, 47%, 83%
XYZ	39.2903, 27.4980, 64.8648
YIQ	147.2060, 15.9010, 47.7490

Conversions

Conversions Part 2

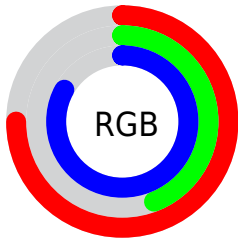
Format	Color
R _{YB}	192, 112, 211
Decimal	12611795
CIE _{Lab}	59.43, 47.33, -38.23
CIE _{LCh}	59, 60.837, 321.069
Yxy	27.4980, 0.2984, 0.2089
Android (android.graphics.Color)	4290801875 (0xFFC070D3)
YUV	147.2060, 31.4504, 39.2843
Hunter-Lab	52.4385, 41.9762, -36.6330

Details

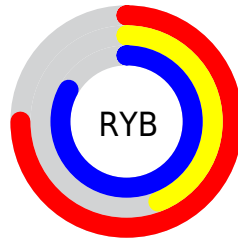
The YUV color $147.2060, 31.4504, 39.2843$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $175.7940, -31.4504, -39.2843$, and the grayscale version is $147.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $201.2620, 26.4928, 42.7432$, and $93.6680, 30.7297, 37.1252$ is the 20% darker color. If you saturate the color by 10%, you get $133.6830, 38.1173, 47.6360$, and if you desaturate by 10%, it is $160.7290, 24.7836, 30.9327$.

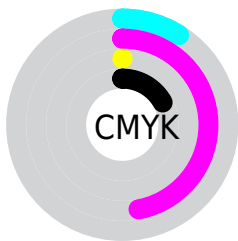
Distribution



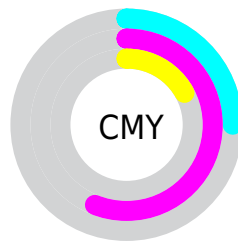
- Red (75%)
- Green (44%)
- Blue (83%)



- Red (75%)
- Yellow (44%)
- Blue (83%)



- Cyan (9%)
- Magenta (47%)
- Yellow (0%)
- Black (17%)



- Cyan (25%)
- Magenta (56%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.2060, 31.4504, 39.2843 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 147.2060, 31.4504, 39.2843 by changing the saturation by 10% instead.

■ 147.2060, 31.4504,
39.2843

■ 147.2060, 31.4504,
39.2843

■ 255.0000, 0.0000,
0.0000

■ 120.3800, 30.8717,
38.2547

■ 201.2620, 26.4928,
42.7432

■ 93.6680, 30.7297,
37.1252

■ 219.1930, 17.6529,
31.4027

■ 67.3690, 30.8771,
36.5104

■ 235.6290, 9.5499,
16.9884

■ 36.6730, 33.1922,
40.6288

■ 252.6520, 1.1576,
2.0592

■ 26.0490, 26.1048,
27.1440

■ 17.1480, 19.1540,
16.5332

■ 4.3490, 14.1249,

-3.8141

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 147.2060, 31.4504,
39.2843

■ 147.2060, 31.4504,
39.2843

■ 133.6830, 38.1173,
47.6360

■ 160.7290, 24.7836,
30.9327

■ 120.1600, 44.7841,
55.9877

■ 174.2520, 18.1168,
22.5810

■ 106.6370, 51.4510,
64.3394

■ 187.7750, 11.4499,
14.2293

■ 93.1140, 58.1178,
72.6910

■ 201.2980, 4.7831,
5.8777

79.5910, 64.7846,
81.0427

214.8210, -1.8838,
-2.4740

75.1830, 66.9578,
84.0315

228.9310, -8.8400,
-11.3405

239.5190,
-14.0599, -17.1182

240.7150,
-14.6495, -14.6591

241.9110,
-15.2391, -12.1999

Harmonies

Analogous

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



141.3210, 50.1277, -24.8375



147.2060, 31.4504, 39.2843



142.0140, 9.3601, 78.0407

Triad

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



147.2060, 31.4504, 39.2843



136.9970, -55.7075, 41.2216



119.1360, 30.0060, -104.4823

Complementary

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



147.2060, 31.4504, 39.2843



175.7940, -31.4504, -39.2843

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.



112.2790, 6.2715, -98.4687



147.2060, 31.4504, 39.2843



132.5960, -51.0728, 1.2313

Square

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



147.2060, 31.4504, 39.2843



139.2500, -39.0703, 71.6947



122.7370, -25.0133, -50.6353



122.0320, 51.2562, -107.0221

Rectangle

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



147.2060, 31.4504, 39.2843



139.4270, -7.1125, 88.2025



122.7370, -25.0133, -50.6353



117.0840, 22.1436, -102.6827

Sweetspot

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



147.2060, 31.4504, 39.2843



231.7750, 11.4499, 14.2293



135.0260, 37.4552, -20.1938



113.5910, 7.1036, 8.2517



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.



147.2060, 31.4504, 39.2843



162.9860, 45.3629, 57.0173



149.4670, 15.5458, 53.9644



97.9450, 3.4781, 4.4332



59.8160, 53.3347, 66.8134



14.5410, 13.0443, 16.1885

Inverse Universe

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



143.7670, -6.2941, 58.9633



157.9490, -8.8489, 85.1137



173.5330, -15.5458, -53.9644



97.5170, -0.7479, 6.5626



53.8800, -10.7868, 100.0832



13.1710, -2.5493, 24.4060

Previews

White Background



This preview shows how the YUV color 147.2060, 31.4504, 39.2843 looks on a white background.

Color Contrast Check

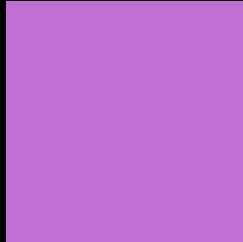
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.2060, 31.4504, 39.2843 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 147.2060, 31.4504, 39.2843

Background



This preview shows how black text looks on a background with the YUV color 147.2060, 31.4504, 39.2843.



This preview shows how white text looks on a background with the YUV color 147.2060, 31.4504, 39.2843.

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

147.2060, 31.4504, 39.2843

Protanopia

140.3650, 46.6551, -31.0151

Deuteranopia

142.6040, 30.7612, -19.8237



Tritanopia

145.9870, -3.4446, 31.5834

Trichromacy



Original Color

147.2060, 31.4504, 39.2843



Protanomaly

143.0370, 40.9008, -5.2944



Deuteranomaly

144.1490, 30.9855, 1.6233



Tritanomaly

146.6250, 9.0589, 34.5319

Monochromacy



Original Color

147.2060, 31.4504, 39.2843



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

146.7750, 11.4499, 14.2293

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.2060, 31.4504, 39.2843 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(192, 112, 211)` looks like.

```
.text, #text, p{  
    color:rgb(192, 112, 211)  
}
```

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(192, 112, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 112, 211) }
```

Border

The CSS property to change the border of an element to YUV 147.2060, 31.4504, 39.2843 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(192, 112, 211) }
```


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

```
.border{ border-color:rgb(192, 112, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 112, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 112, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 112, 211);  
box-shadow:4px 4px 4px 4px rgb(192, 112,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 147.2060, 31.4504, 39.2843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 112, 211) }
```

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

```
.background{ background-color: rgb(192,  
112, 211) }
```

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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