

Converting Colors

YUV(149.8410, 31.6304,
28.2034)

Have a look what the booklet for
YUV(149.8410, 31.6304, 28.2034)
contains.

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Color

**YUV(149.8410, 31.6304,
28.2034)**

Conversions

Conversions Part 1

Format	Color
Hex	B679D6
RGB	182, 121, 214
RGB Percent	71%, 47%, 84%
CMY	0.2863, 0.5255, 0.1608
CMYK	0.15, 0.43, 0.00, 0.16
HSL	279°, 53%, 66%
HSV	279°, 43%, 84%
XYZ	38.2664, 28.4749, 67.0977
YIQ	149.8410, 6.5030, 41.8550

Conversions

Conversions Part 2

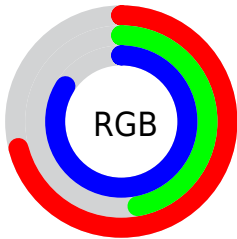
Format	Color
R _Y B	182, 121, 214
Decimal	11958742
CIE _{Lab}	60.32, 40.26, -38.62
CIE _{LCh}	60, 55.783, 316.191
Y _{xy}	28.4749, 0.2859, 0.2128
Android (android.graphics.Color)	4290148822 (0xFFB679D6)
YUV	149.8410, 31.6304, 28.2034
Hunter-Lab	53.3618, 34.6211, -37.1985

Details

The YUV color **149.8410, 31.6304, 28.2034** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **185.1590, -31.6304, -28.2034**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.2560, 25.5098, 31.3475**, and **97.1890, 30.4728, 26.1442** is the 20% darker color. If you saturate the color by 10%, you get **135.4210, 38.7394, 34.7108**, and if you desaturate by 10%, it is **164.2610, 24.5213, 21.6961**.

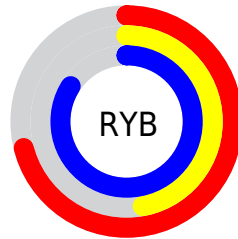
Distribution



Red (71%)

Green (47%)

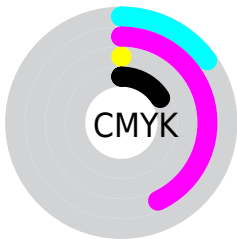
Blue (84%)



Red (71%)

Yellow (47%)

Blue (84%)

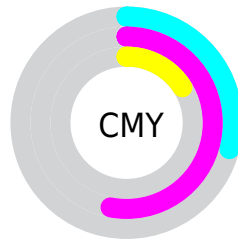


Cyan (15%)

Magenta (43%)

Yellow (0%)

Black (16%)



Cyan (29%)

Magenta (53%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.8410, 31.6304, 28.2034 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 149.8410, 31.6304, 28.2034 by changing the saturation by 10% instead.

■ 149.8410, 31.6304,
28.2034

■ 149.8410, 31.6304,
28.2034

255.0000, 0.0000,
0.0000

■ 123.0150, 31.0516,
27.1738

■ 203.2560, 25.5098,
31.3475

■ 97.1890, 30.4728,
26.1442

■ 223.8890, 15.3377,
27.2843

■ 72.2490, 29.4572,
25.2146

■ 240.9120, 6.9454,
12.3552

■ 46.9500, 29.6046,
24.5998

■ 23.9990, 28.5945,
21.9259

■ 15.3970, 21.4963,
11.9298

■ 5.2780, 15.1459,

-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 149.8410, 31.6304,
28.2034

■ 149.8410, 31.6304,
28.2034

■ 135.4210, 38.7394,
34.7108

■ 164.2610, 24.5213,
21.6961

■ 120.1150, 46.2853,
41.1181

■ 179.5670, 16.9755,
15.2887

■ 105.6950, 53.3944,
47.6255

■ 193.9870, 9.8664,
8.7814

■ 90.6880, 60.7928,
54.6476

■ 208.9940, 2.4680,
1.7593

75.9690, 68.0493,
60.5402

223.7130, -4.7885,
-4.1333

66.2560, 72.8378,
64.6735

238.1330,
-11.8976, -10.6406

244.0470,
-14.8132, -8.8112

246.1400,
-15.8450, -4.5078

248.2330,
-16.8769, -0.2043

Harmonies

Analogous

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



141.8100, 48.4077, -33.1594



149.8410, 31.6304, 28.2034



147.1050, 11.2872, 66.5599

Triad

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



149.8410, 31.6304, 28.2034



141.3700, -48.0034, 43.5255



118.6970, 25.7854, -104.0973

Complementary

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



149.8410, 31.6304, 28.2034



185.1590, -31.6304, -28.2034

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.



112.2960, 3.7981, -98.4836



149.8410, 31.6304, 28.2034



137.0790, -46.8739, 7.8237

Square

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



149.8410, 31.6304, 28.2034



142.8460, -32.9551, 70.2951



130.1410, -27.6775, -36.0807



121.9520, 45.8727, -106.9519

Rectangle

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



149.8410, 31.6304, 28.2034



144.5830, -3.7384, 79.2957



130.1410, -27.6775, -36.0807



116.7590, 18.3598, -102.3976

Sweetspot

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



149.8410, 31.6304, 28.2034



232.3400, 11.1714, 10.2258



150.9730, 31.0723, -26.2863



113.2810, 7.2565, 5.8926



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.



149.8410, 31.6304, 28.2034



163.1750, 45.2697, 40.1885



157.8130, 20.7982, 49.2760



99.3470, 3.7729, 3.2037



52.9820, 58.1829, 51.7588



13.2740, 14.6549, 12.9147

Inverse Universe

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



152.4550, 0.2687, 53.9750



167.0110, 0.4876, 77.1664



177.1870, -20.7982, -49.2760



99.7450, 0.1257, 6.3626



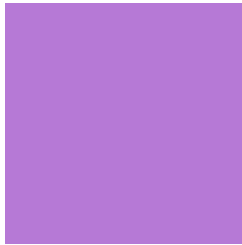
57.8550, 0.5645, 99.2282



14.5670, 0.2135, 24.9357

Previews

White Background



This preview shows how the YUV color 149.8410, 31.6304, 28.2034 looks on a white background.

Color Contrast Check

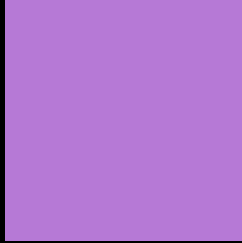
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.8410, 31.6304, 28.2034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

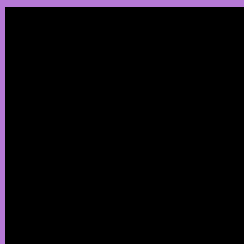
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.8410, 31.6304, 28.2034

Background



This preview shows how black text looks on a background with the YUV color 149.8410, 31.6304, 28.2034.



This preview shows how white text looks on a background with the YUV color 149.8410, 31.6304,

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

149.8410, 31.6304, 28.2034

Protanopia

143.6920, 44.0288, -28.6709

Deuteranopia

144.5330, 31.7822, -20.6384



Tritanopia

148.0180, -0.5019, 21.0322

Trichromacy



Original Color

149.8410, 31.6304, 28.2034

Protanomaly

145.9720, 39.4538, -7.8684

Deuteranomaly

146.6430, 31.7280, -3.1949

Tritanomaly

149.0150, 10.8386, 23.6658

Monochromacy



Original Color

149.8410, 31.6304, 28.2034

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.7530, 11.4608, 10.7406

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.8410, 31.6304, 28.2034 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(182, 121, 214)` looks like.

```
.text, #text, p{  
    color:rgb(182, 121, 214)  
}
```

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(182, 121, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 121, 214) }
```

Border

The CSS property to change the border of an element to YUV 149.8410, 31.6304, 28.2034 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(182, 121, 214) }
```


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

```
.border{ border-color:rgb(182, 121, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 121, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 121, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 121, 214);  
box-shadow:4px 4px 4px 4px rgb(182, 121,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 149.8410, 31.6304, 28.2034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 121, 214) }
```

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

```
.background{ background-color: rgb(182,  
121, 214) }
```

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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