

Converting Colors

YUV(129.7270, 31.1936,
28.3034)

Have a look what the booklet for
YUV(129.7270, 31.1936, 28.3034)
contains.

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Color

**YUV(129.7270, 31.1936,
28.3034)**

Conversions

Conversions Part 1

Format	Color
Hex	A265C1
RGB	162, 101, 193
RGB Percent	64%, 40%, 76%
CMY	0.3647, 0.6039, 0.2431
CMYK	0.16, 0.48, 0.00, 0.24
HSL	280°, 43%, 58%
HSV	280°, 48%, 76%
XYZ	29.1796, 20.8390, 52.9365
YIQ	129.7270, 6.8240, 41.5440

Conversions

Conversions Part 2

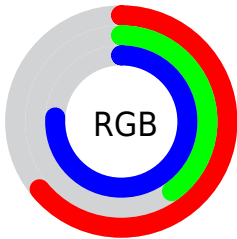
Format	Color
R_{YB}	162, 101, 193
Decimal	10642881
CIE _{Lab}	52.77, 40.87, -38.69
CIE _{LCh}	53, 56.275, 316.567
Yxy	20.8390, 0.2834, 0.2024
Android (android.graphics.Color)	4288832961 (0xFFA265C1)
YUV	129.7270, 31.1936, 28.3034
Hunter-Lab	45.6498, 34.2113, -36.7992

Details

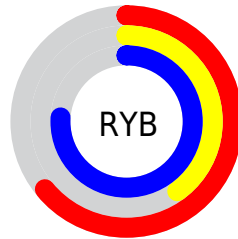
The YUV color **129.7270, 31.1936, 28.3034** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **164.2730, -31.1936, -28.3034**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.0800, 32.4986, 29.7478**, and **78.0750, 30.0360, 26.2442** is the 20% darker color. If you saturate the color by 10%, you get **116.4810, 37.7239, 33.7812**, and if you desaturate by 10%, it is **142.9730, 24.6633, 22.8257**.

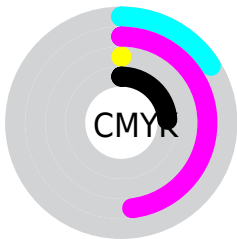
Distribution



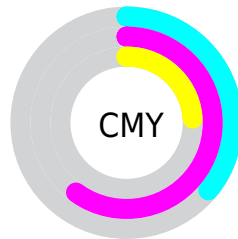
- Red (64%)
- Green (40%)
- Blue (76%)



- Red (64%)
- Yellow (40%)
- Blue (76%)



- Cyan (16%)
- Magenta (48%)
- Yellow (0%)
- Black (24%)



- Cyan (36%)
- Magenta (60%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.7270, 31.1936, 28.3034 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 129.7270, 31.1936, 28.3034 by changing the saturation by 10% instead.

■ 129.7270, 31.1936,
28.3034

■ 129.7270, 31.1936,
28.3034

■ 255.0000, 0.0000,
0.0000

■ 103.9010, 30.6148,
27.2738

■ 184.0800, 32.4986,
29.7478

■ 78.0750, 30.0360,
26.2442

■ 209.4690, 22.4468,
33.7917

■ 52.6620, 29.7466,
25.7294

■ 227.9980, 13.3120,
23.6808

■ 27.0750, 30.0360,
26.2442

■ 244.4340, 5.2090,
9.2664

■ 17.1630, 23.0906,
13.8890

■ 4.6740, 17.9087,
-4.0991

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 129.7270, 31.1936,
28.3034

■ 129.7270, 31.1936,
28.3034

■ 116.4810, 37.7239,
33.7812

■ 142.9730, 24.6633,
22.8257

■ 102.9470, 44.3961,
40.3885

■ 156.5070, 17.9910,
16.2184

■ 89.7010, 50.9264,
45.8662

■ 169.7530, 11.4608,
10.7406

■ 76.7540, 57.3093,
51.9587

■ 182.7000, 5.0779,
4.6481

■ 62.9210, 64.1289,
57.9513

■ 195.9460, -1.4524,
-0.8296

60.2740, 65.4339,
59.3957

209.4800, -8.1246,
-7.4370

222.7260,
-14.6549, -12.9147

235.6730,
-21.0378, -19.0072

237.7660,
-22.0696, -14.7038

Harmonies

Analogous

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



120.7990, 48.4131, -34.9037



129.7270, 31.1936, 28.3034



125.6320, 12.0134, 66.9747

Triad

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



129.7270, 31.1936, 28.3034



120.7180, -49.1610, 41.4663



104.7910, 23.2740, -91.9017

Complementary

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



129.7270, 31.1936, 28.3034



164.2730, -31.1936, -28.3034

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.



97.9170, 2.0129, -85.8732



129.7270, 31.1936, 28.3034



116.7970, -49.1999, 7.1940

Square

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



129.7270, 31.1936, 28.3034



122.6500, -32.3654, 67.8360



109.6570, -26.9459, -37.4102



107.9320, 42.9245, -94.6564

Rectangle

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



129.7270, 31.1936, 28.3034



122.5120, -2.7174, 78.4810



109.6570, -26.9459, -37.4102



102.9670, 16.2853, -90.3021

Sweetspot

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



129.7270, 31.1936, 28.3034



225.8670, 11.8976, 10.6406



130.2720, 30.9249, -25.6715



110.5800, 7.1091, 6.5073



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



129.7270, 31.1936, 28.3034



151.7070, 48.4584, 44.1070



137.4000, 20.5088, 48.7612



90.2330, 3.3361, 3.3037



50.3470, 54.5519, 49.6847



10.3400, 11.1714, 10.2258

Inverse Universe

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



132.0420, -0.0207, 53.4602



155.2290, -0.1129, 83.1142



156.6000, -20.5088, -48.7612



90.3320, -0.1637, 5.8478



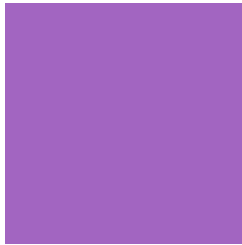
54.2950, -0.1454, 93.5803



11.1210, -0.0597, 19.1879

Previews

White Background



This preview shows how the YUV color 129.7270, 31.1936, 28.3034 looks on a white background.

Color Contrast Check

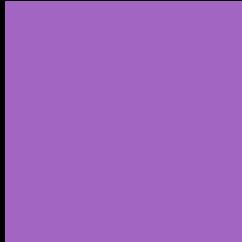
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.7270, 31.1936, 28.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

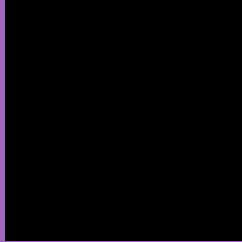
Any Text WCAG AA ✓ Pass

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 129.7270, 31.1936, 28.3034 Background



This preview shows how black text looks on a background with the YUV color 129.7270, 31.1936, 28.3034.



This preview shows how white text looks on a background with the YUV color 129.7270, 31.1936, 28.3034.

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

129.7270, 31.1936, 28.3034

Protanopia

122.7950, 44.4711, -30.5152

Deuteranopia

124.6960, 31.2089, -23.4124



Tritanopia

128.4910, -1.2281, 20.6174

Trichromacy



Original Color

129.7270, 31.1936, 28.3034

Protanomaly

125.3740, 39.7486, -9.0980

Deuteranomaly

126.5180, 31.2966, -4.8393

Tritanomaly

128.9010, 10.4018, 23.7658

Monochromacy



Original Color

129.7270, 31.1936, 28.3034

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.7530, 11.4608, 10.7406

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.7270, 31.1936, 28.3034 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(162, 101, 193)` looks like.

```
.text, #text, p{  
    color:rgb(162, 101, 193)  
}
```

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(162, 101, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 101, 193) }
```

Border

The CSS property to change the border of an element to YUV 129.7270, 31.1936, 28.3034 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(162, 101, 193) }
```


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

```
.border{ border-color:rgb(162, 101, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 101, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 101, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 101, 193);  
box-shadow:4px 4px 4px 4px rgb(162, 101,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 129.7270, 31.1936, 28.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 101, 193) }
```

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

```
.background{ background-color: rgb(162,  
101, 193) }
```

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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