

Converting Colors

YUV(132.9290, 28.1360,
29.0033)

Have a look what the booklet for
YUV(132.9290, 28.1360, 29.0033)
contains.

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Color

**YUV(132.9290, 28.1360,
29.0033)**

Conversions

Conversions Part 1

Format	Color
Hex	A669BE
RGB	166, 105, 190
RGB Percent	65%, 41%, 75%
CMY	0.3490, 0.5882, 0.2549
CMYK	0.13, 0.45, 0.00, 0.25
HSL	283°, 40%, 58%
HSV	283°, 45%, 75%
XYZ	30.0717, 21.9278, 51.3627
YIQ	132.9290, 9.0710, 39.3670

Conversions

Conversions Part 2

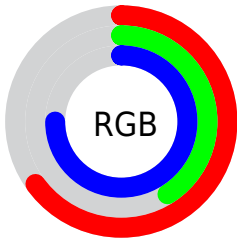
Format	Color
R _Y B	166, 105, 190
Decimal	10906046
CIE Lab	53.95, 39.19, -35.09
CIE LCh	54, 52.603, 318.165
Yxy	21.9278, 0.2909, 0.2121
Android (android.graphics.Color)	4289096126 (0xFFA669BE)
YUV	132.9290, 28.1360, 29.0033
Hunter-Lab	46.8272, 32.6825, -32.2537

Details

The YUV color **132.9290, 28.1360, 29.0033** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **162.0710, -28.1360, -29.0033**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.2820, 29.4410, 30.4477**, and **81.2770, 26.9784, 26.9441** is the 20% darker color. If you saturate the color by 10%, you get **120.2810, 34.3715, 35.7106**, and if you desaturate by 10%, it is **145.5770, 21.9005, 22.2960**.

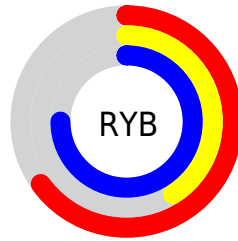
Distribution



Red (65%)

Green (41%)

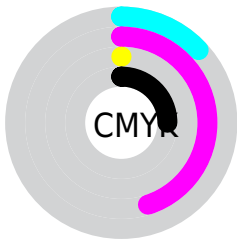
Blue (75%)



Red (65%)

Yellow (41%)

Blue (75%)

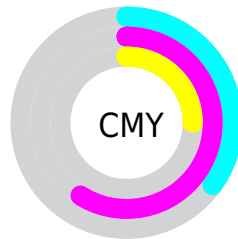


Cyan (13%)

Magenta (45%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (59%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.9290, 28.1360, 29.0033 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 132.9290, 28.1360, 29.0033 by changing the saturation by 10% instead.

132.9290, 28.1360,
29.0033

132.9290, 28.1360,
29.0033

255.0000, 0.0000,
0.0000

107.1030, 27.5572,
27.9737

187.2820, 29.4410,
30.4477

81.2770, 26.9784,
26.9441

213.0130, 20.6996,
34.1916

56.4510, 26.3997,
25.9145

230.3460, 12.1544,
21.6216

29.8040, 27.7046,
27.3589

247.3690, 3.7621,
6.6924

18.1310, 21.6274,
16.5481

5.0440, 16.7403,
-2.6696

2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 132.9290, 28.1360,
29.0033

■ 132.9290, 28.1360,
29.0033

■ 120.2810, 34.3715,
35.7106

■ 145.5770, 21.9005,
22.2960

■ 107.3340, 40.7543,
41.8031

■ 158.5240, 15.5177,
16.2035

■ 94.6860, 46.9898,
48.5104

■ 171.1720, 9.2822,
9.4962

■ 82.0380, 53.2253,
55.2177

■ 183.8200, 3.0467,
2.7889

■ 69.0910, 59.6081,
61.3102

■ 196.7670, -3.3361,
-3.3037

62.3240, 62.9443,
64.6139

209.4150, -9.5716,
-10.0110

222.3620,
-15.9545, -16.1035

233.8360,
-21.6111, -21.7812

235.3310,
-22.3482, -18.7073

Harmonies

Analogous

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



126.0020, 43.8760, -26.3118



132.9290, 28.1360, 29.0033



129.6270, 9.5509, 63.4711

Triad

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



132.9290, 28.1360, 29.0033



124.5480, -44.6402, 38.1074



106.4210, 24.4424, -93.3312

Complementary

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



132.9290, 28.1360, 29.0033



162.0710, -28.1360, -29.0033

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.



100.4760, 4.2023, -88.1175



132.9290, 28.1360, 29.0033



120.7950, -42.7899, 4.5648

Square

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



132.9290, 28.1360, 29.0033



126.2580, -31.1862, 62.9177



114.0530, -24.1831, -36.8805



109.2200, 42.7825, -95.7859

Rectangle

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



132.9290, 28.1360, 29.0033



127.0230, -4.4483, 73.6478



114.0530, -24.1831, -36.8805



104.5970, 17.4537, -91.7316

Sweetspot

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



132.9290, 28.1360, 29.0033



225.5250, 10.5872, 10.9406



128.7780, 30.1824, -20.8533



111.4660, 6.6723, 6.6073



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.



132.9290, 28.1360, 29.0033



157.8660, 43.9431, 45.7215



138.0530, 16.7359, 45.5575



88.1190, 2.8993, 3.4036



51.7990, 52.3571, 53.6733



10.1120, 10.2978, 10.4258

Inverse Universe

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



133.1510, -2.0464, 49.8566



157.9850, -3.4436, 78.0662



156.9470, -16.7359, -45.5575



88.0330, -0.0163, 5.2331



52.3720, -3.6344, 92.6358



10.2950, -0.6384, 18.1583

Previews

White Background



This preview shows how the YUV color 132.9290, 28.1360, 29.0033 looks on a white background.

Color Contrast Check

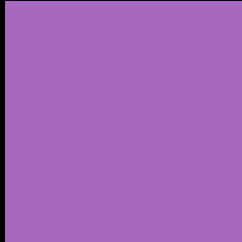
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.9290, 28.1360, 29.0033 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 132.9290, 28.1360, 29.0033

Background



This preview shows how black text looks on a background with the YUV color 132.9290, 28.1360, 29.0033.



This preview shows how white text looks on a background with the YUV color 132.9290, 28.1360,

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

132.9290, 28.1360, 29.0033

Protanopia

127.3780, 40.2396, -26.6415

Deuteranopia

128.3330, 28.4298, -18.7090



Tritanopia

131.3880, -1.6703, 22.4617

Trichromacy



Original Color

132.9290, 28.1360, 29.0033

Protanomaly

129.3590, 35.8120, -6.4538

Deuteranomaly

130.0300, 28.0862, -1.7803

Tritanomaly

131.9720, 9.3808, 24.5806

Monochromacy



Original Color

132.9290, 28.1360, 29.0033

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.1120, 10.2978, 10.4258

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.9290, 28.1360, 29.0033 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(166, 105, 190)` looks like.

```
.text, #text, p{  
    color:rgb(166, 105, 190)  
}
```

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(166, 105, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 105, 190) }
```

Border

The CSS property to change the border of an element to YUV 132.9290, 28.1360, 29.0033 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(166, 105, 190) }
```


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

```
.border{ border-color:rgb(166, 105, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 105, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 105, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 105, 190);  
box-shadow:4px 4px 4px 4px rgb(166, 105,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 132.9290, 28.1360, 29.0033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 105, 190) }
```

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

```
.background{ background-color: rgb(166,  
105, 190) }
```

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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