

Converting Colors

YUV(29.1260, 19.1649, 13.0445)

Have a look what the booklet for
YUV(29.1260, 19.1649, 13.0445)
contains.

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Color

**YUV(29.1260, 19.1649,
13.0445)**

Conversions

Conversions Part 1

Format	Color
Hex	2C0E44
RGB	44, 14, 68
RGB Percent	17%, 5%, 27%
CMY	0.8275, 0.9451, 0.7333
CMYK	0.35, 0.79, 0.00, 0.73
HSL	273°, 66%, 16%
HSV	273°, 79%, 27%
XYZ	2.2391, 1.2669, 5.5954
YIQ	29.1260, 0.5460, 23.1540

Conversions

Conversions Part 2

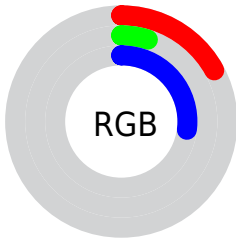
Format	Color
RYB	44, 14, 68
Decimal	2887236
CIELab	11.04, 26.77, -27.73
CIElCh	11, 38.548, 313.993
Yxy	1.2669, 0.2460, 0.1392
Android (android.graphics.Color)	4281077316 (0xFF2C0E44)
YUV	29.1260, 19.1649, 13.0445
Hunter-Lab	11.2557, 15.8122, -21.5949

Details

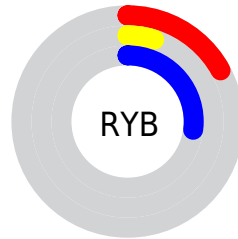
The YUV color **29.1260, 19.1649, 13.0445** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **52.8740, -19.1649, -13.0445**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.4790, 20.4699, 14.4889**, and **3.3230, 10.1938, -2.9143** is the 20% darker color. If you saturate the color by 10%, you get **24.1200, 21.6328, 14.8038**, and if you desaturate by 10%, it is **34.1320, 16.6969, 11.2852**.

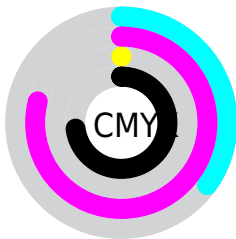
Distribution



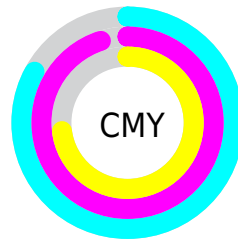
- Red (17%)
- Green (5%)
- Blue (27%)



- Red (17%)
- Yellow (5%)
- Blue (27%)



- Cyan (35%)
- Magenta (79%)
- Yellow (0%)
- Black (73%)



- Cyan (83%)
- Magenta (95%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.1260, 19.1649, 13.0445 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 29.1260, 19.1649, 13.0445 by changing the saturation by 10% instead.

■ 29.1260, 19.1649,
13.0445

■ 29.1260, 19.1649,
13.0445

■ 247.3690, 3.7621,
6.6924

■ 13.0180, 16.2601,
11.3852

■ 75.4790, 20.4699,
14.4889

■ 3.3230, 10.1938,
-2.9143

■ 99.7180, 21.3380,
16.0333

■ 0.0000, 0.0000,
0.0000


■ 125.1310, 21.6274,
16.5481


■ 151.0710, 22.6430,
17.4777


■ 178.4840, 22.9324,
17.9925


■ 205.8970, 23.2218,


18.5073


 230.9330, 11.8650,
21.1068


 29.1260, 19.1649,
13.0445


 29.1260, 19.1649,
13.0445

 24.1200, 21.6328,
14.8038


 34.1320, 16.6969,
11.2852

 19.1140, 24.1008,
16.5630

 39.1380, 14.2290,
9.5260

 43.5570, 12.0504,
8.2815

 48.5630, 9.5824,
6.5222

 53.5690, 7.1145,
4.7630

■ 58.5750, 4.6465,
3.0037

■ 63.5810, 2.1786,
1.2445

■ 68.0000, 0.0000,
0.0000

■ 73.0060, -2.4680,
-1.7593

Harmonies

Analogous

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



26.3710, 27.4251, -23.1274



29.1260, 19.1649, 13.0445



25.4620, 9.6322, 37.3058

Triad

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



29.1260, 19.1649, 13.0445



28.1520, -13.8789, 18.2837



28.8550, 6.4805, -25.3058

Complementary

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



29.1260, 19.1649, 13.0445



52.8740, -19.1649, -13.0445

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.



24.8480, -6.3341, -21.7917



29.1260, 19.1649, 13.0445



26.8570, -13.2405, 0.1254

Square

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



29.1260, 19.1649, 13.0445



22.6690, -11.1758, 38.0013



21.7190, -10.7075, -19.0476



31.0040, 17.2530, -27.1905

Rectangle

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



29.1260, 19.1649, 13.0445



24.9050, 1.0328, 42.1793



21.7190, -10.7075, -19.0476



27.7150, 2.1125, -24.3061

Sweetspot

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



29.1260, 19.1649, 13.0445



73.9820, 7.4039, 5.2778



34.2440, 16.6417, -17.7540



36.5750, 4.6465, 3.0037



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



29.1260, 19.1649, 13.0445



28.0420, 30.0523, 21.0112



35.9600, 14.3167, 28.0991



30.9400, 1.0156, 0.9296



27.2040, 34.4094, 23.5001



62.9110, 79.4169, 54.4521

Inverse Universe

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



32.8820, 2.5232, 30.7985



33.7470, 4.0687, 48.4569



46.0400, -14.3167, -28.0991



31.0110, -0.0054, 1.7444



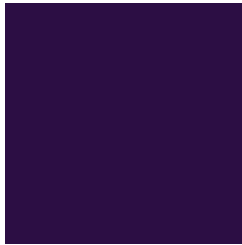
33.9050, 4.4838, 55.3343



78.3760, 10.6606, 127.7122

Previews

White Background



This preview shows how the YUV color 29.1260, 19.1649, 13.0445 looks on a white background.

Color Contrast Check

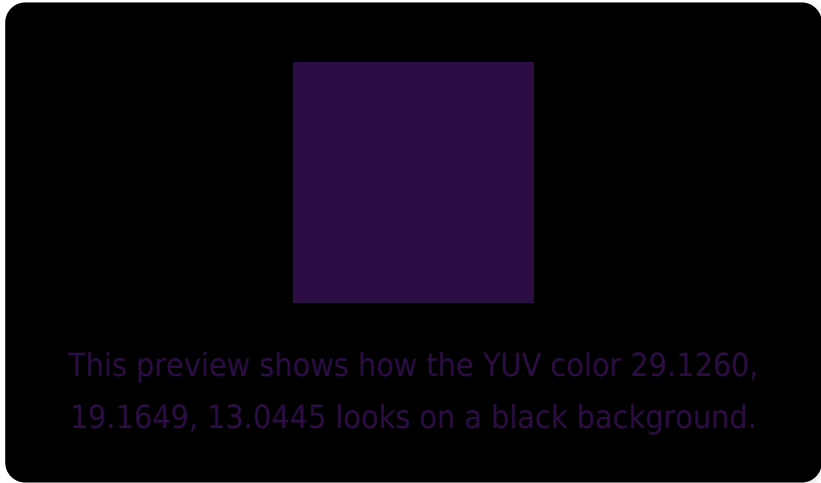
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.1260, 19.1649, 13.0445

Background



This preview shows how black text looks on a background with the YUV color 29.1260, 19.1649, 13.0445.



This preview shows how white text looks on a background with the YUV color 29.1260, 19.1649,

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

29.1260, 19.1649, 13.0445

Protanopia

24.7920, 18.8365, -21.7426

Deuteranopia

25.0540, 14.7634, -21.9724



Tritanopia

31.6200, -0.3057, 4.7183

Trichromacy



Original Color

29.1260, 19.1649, 13.0445

Protanomaly

26.2820, 19.0880, -9.0173

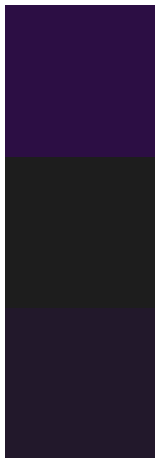
Deuteranomaly

26.2990, 16.6146, -9.0322

Tritanomaly

31.0640, 6.3774, 7.8369

Monochromacy



Original Color

29.1260, 19.1649, 13.0445

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.1560, 6.8251, 4.2482

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.1260, 19.1649, 13.0445 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(44, 14, 68)` looks like.

```
.text, #text, p{  
    color:rgb(44, 14, 68)  
}
```

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(44, 14, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 14, 68) }
```

Border

The CSS property to change the border of an element to YUV 29.1260, 19.1649, 13.0445 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(44, 14, 68) }
```


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

```
.border{ border-color:rgb(44, 14, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 14, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 14, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 14, 68);  
box-shadow:4px 4px 4px 4px rgb(44, 14, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.1260, 19.1649, 13.0445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 14, 68) }
```

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

```
.background{ background-color: rgb(44, 14,  
68) }
```

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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