

Converting Colors

YUV(29.2850, 18.1005, 27.8141)

Have a look what the booklet for
YUV(29.2850, 18.1005, 27.8141)
contains.

YUV(29.2850, 18.1005, 27.8141)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(29.2850, 18.1005,
27.8141)**

Conversions

Conversions Part 1

Format	Color
Hex	3D0642
RGB	61, 6, 66
RGB Percent	24%, 2%, 26%
CMY	0.7608, 0.9765, 0.7412
CMYK	0.08, 0.91, 0.00, 0.74
HSL	295°, 83%, 14%
HSV	295°, 91%, 26%
XYZ	2.9730, 1.5157, 5.2901
YIQ	29.2850, 13.5200, 30.3200

Conversions

Conversions Part 2

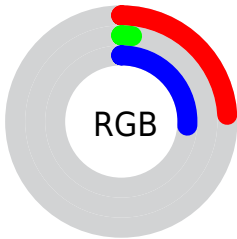
Format	Color
R_{YB}	61, 6, 66
Decimal	3999298
CIE _{Lab}	12.71, 33.80, -23.48
CIE _{LCh}	13, 41.157, 325.209
Yxy	1.5157, 0.3040, 0.1550
Android (android.graphics.Color)	4282189378 (0xFF3D0642)
YUV	29.2850, 18.1005, 27.8141
Hunter-Lab	12.3114, 21.5595, -16.8586

Details

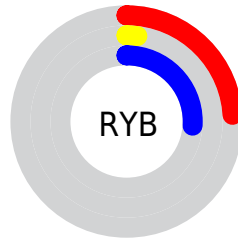
The YUV color **29.2850, 18.1005, 27.8141** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **42.7150, -18.1005, -27.8141**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.0570, 17.2269, 28.0140**, and **2.5080, 9.6096, -2.1995** is the 20% darker color. If you saturate the color by 10%, you get **25.4640, 19.9842, 30.2881**, and if you desaturate by 10%, it is **33.6930, 15.9274, 24.8252**.

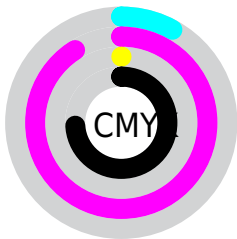
Distribution



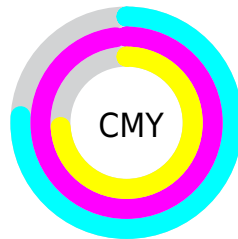
- Red (24%)
- Green (2%)
- Blue (26%)



- Red (24%)
- Yellow (2%)
- Blue (26%)



- Cyan (8%)
- Magenta (91%)
- Yellow (0%)
- Black (74%)



- Cyan (76%)
- Magenta (98%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.2850, 18.1005, 27.8141 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 29.2850, 18.1005, 27.8141 by changing the saturation by 10% instead.

■ 29.2850, 18.1005,
27.8141

■ 29.2850, 18.1005,
27.8141

■ 246.7820, 4.0515,
7.2072

■ 16.6770, 13.4702,
19.5773

■ 79.0570, 17.2269,
28.0140

■ 2.5080, 9.6096,
-2.1995

■ 103.8830, 17.8057,
29.0436

■ 0.0000, 0.0000,
0.0000

■ 129.7090, 18.3845,
30.0732


■ 156.4210, 18.5264,
31.2028


■ 183.2470, 19.1052,
32.2324


■ 211.6600, 19.3946,


32.7472


 230.3460, 12.1544,
21.6216


 29.2850, 18.1005,
27.8141


 29.2850, 18.1005,
27.8141


 25.4640, 19.9842,
30.2881

 33.6930, 15.9274,
24.8252

 37.2150, 14.1910,
21.7364

 41.6230, 12.0179,
18.7476

 45.1450, 10.2815,
15.6588

 49.5530, 8.1084,
12.6700

■ 53.6620, 6.0826,
9.0664

■ 57.4830, 4.1989,
6.5924

■ 61.5920, 2.1731,
2.9888

■ 65.4130, 0.2894,
0.5148

Harmonies

Analogous

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



28.0340, 28.5772, -19.3238



29.2850, 18.1005, 27.8141



27.7680, 5.5374, 44.0535

Triad

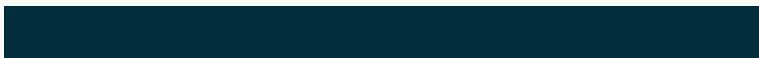
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.2850, 18.1005, 27.8141



31.3640, -15.4625, 12.8358



32.9130, 11.8749, -28.8647

Complementary

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



29.2850, 18.1005, 27.8141



42.7150, -18.1005, -27.8141

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.



29.4930, -1.2290, -25.8654



29.2850, 18.1005, 27.8141



27.6880, -13.6502, -8.4964

Square

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



29.2850, 18.1005, 27.8141



28.8380, -14.2171, 33.4681



24.6540, -12.1544, -21.6216



34.3610, 22.5000, -30.1346

Rectangle

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



29.2850, 18.1005, 27.8141



26.2000, -3.0566, 47.1826



24.6540, -12.1544, -21.6216



31.7730, 7.5069, -27.8649

Sweetspot

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



29.2850, 18.1005, 27.8141



72.3140, 7.2402, 11.1256



15.7750, 24.7609, -8.5727



34.4830, 4.1989, 6.5924



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



29.2850, 18.1005, 27.8141



33.5390, 26.3563, 39.8693



27.9300, 6.4435, 33.3874



31.2390, 0.8682, 1.5444



37.6690, 29.2502, 45.0173



87.1300, 67.4769, 104.2490

Inverse Universe

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



24.5100, -6.6604, 36.3867



26.8110, -9.7668, 52.7858



44.0700, -6.4435, -33.3874



30.8970, -0.4422, 1.8443



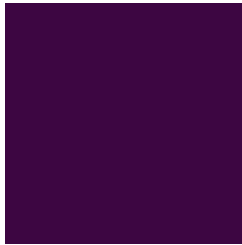
29.9150, -10.8041, 58.8335



69.1420, -24.7200, 135.8105

Previews

White Background



This preview shows how the YUV color 29.2850, 18.1005, 27.8141 looks on a white background.

Color Contrast Check

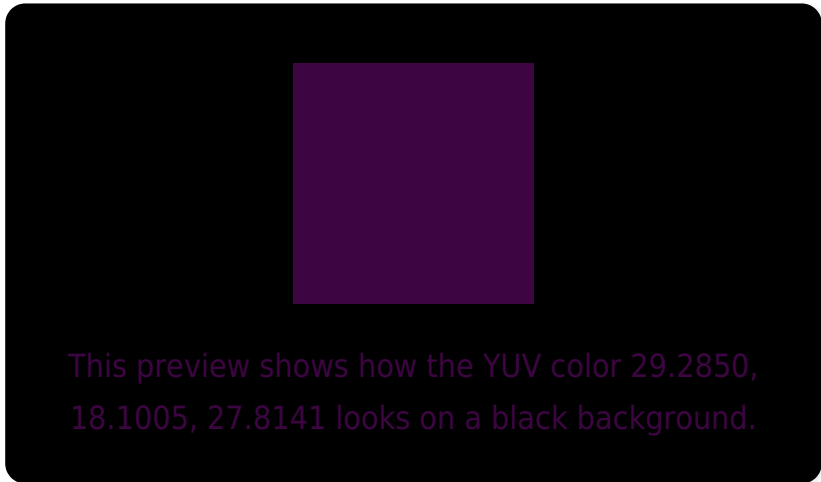
Large Text (above 18pt) WCAG AA ✓ Pass

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

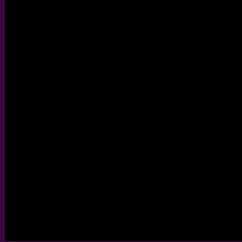
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.2850, 18.1005, 27.8141

Background



This preview shows how black text looks on a background with the YUV color 29.2850, 18.1005, 27.8141.



This preview shows how white text looks on a background with the YUV color 29.2850, 18.1005,

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

29.2850, 18.1005, 27.8141

Protanopia

28.8670, 21.7576, -25.3164

Deuteranopia

32.6850, 14.4523, -15.5097



Tritanopia

35.1980, -3.5486, 18.2434

Trichromacy



Original Color

29.2850, 18.1005, 27.8141

Protanomaly

28.6460, 20.3875, -5.8285

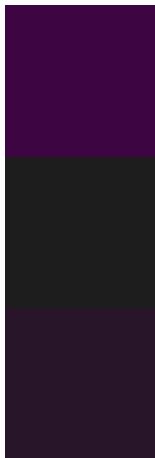
Deuteranomaly

31.4250, 15.5665, 0.5043

Tritanomaly

33.2830, 4.2975, 21.6768

Monochromacy



Original Color

29.2850, 18.1005, 27.8141

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.3740, 6.2246, 10.1960

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.2850, 18.1005, 27.8141 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(61, 6, 66)` looks like.

```
.text, #text, p{  
    color:rgb(61, 6, 66)  
}
```

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(61, 6, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 6, 66) }
```

Border

The CSS property to change the border of an element to YUV 29.2850, 18.1005, 27.8141 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(61, 6, 66) }
```


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

```
.border{ border-color:rgb(61, 6, 66) }
```

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

Here you see how a box with a 4 pixel rgb(61, 6, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 6, 66); -webkit-box-shadow:4px  
4px 4px 4px rgb(61, 6, 66); box-shadow:4px  
4px 4px 4px rgb(61, 6, 66) }
```

Background

The CSS property to change the background color of an element to YUV 29.2850, 18.1005, 27.8141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 6, 66) }
```

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

```
.background{ background-color: rgb(61, 6,  
66) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor