

Converting Colors

YUV(30.2870, 18.0995,
-18.6687)

Have a look what the booklet for
YUV(30.2870, 18.0995, -18.6687)
contains.

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Color

**YUV(30.2870, 18.0995,
-18.6687)**

Conversions

Conversions Part 1

Format	Color
Hex	092243
RGB	9, 34, 67
RGB Percent	4%, 13%, 26%
CMY	0.9647, 0.8667, 0.7373
CMYK	0.87, 0.49, 0.00, 0.74
HSL	214°, 76%, 15%
HSV	214°, 87%, 26%
XYZ	1.6978, 1.6074, 5.5310
YIQ	30.2870, -25.4930, 4.9630

Conversions

Conversions Part 2

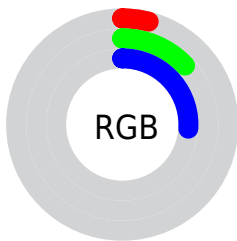
Format	Color
R_{YB}	9, 26, 67
Decimal	598595
CIE _{Lab}	13.28, 4.52, -23.60
CIE _{LCh}	13, 24.025, 280.839
Yxy	1.6074, 0.1921, 0.1819
Android (android.graphics.Color)	4278788675 (0xFF092243)
YUV	30.2870, 18.0995, -18.6687
Hunter-Lab	12.6782, 1.7168, -16.9908

Details

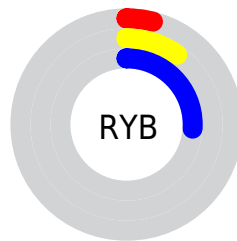
The YUV color **30.2870, 18.0995, -18.6687** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **45.7130, -18.0995, 18.6687**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.1350, 18.6674, -14.1504**, and **3.3230, 10.1938, -2.9143** is the 20% darker color. If you saturate the color by 10%, you get **25.8460, 20.2889, -20.9129**, and if you desaturate by 10%, it is **34.7280, 15.9101, -16.4245**.

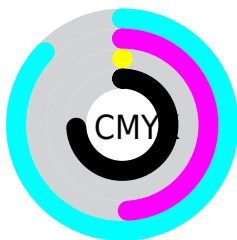
Distribution



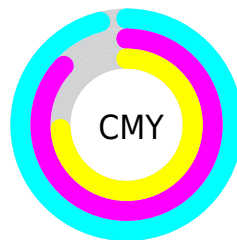
- Red (4%)
- Green (13%)
- Blue (26%)



- Red (4%)
- Yellow (10%)
- Blue (26%)



- Cyan (87%)
- Magenta (49%)
- Yellow (0%)
- Black (74%)



- Cyan (96%)
- Magenta (87%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.2870, 18.0995, -18.6687 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 30.2870, 18.0995, -18.6687 by changing the saturation by 10% instead.

■ 30.2870, 18.0995,
-18.6687

■ 30.2870, 18.0995,
-18.6687

■ 253.2060, 0.8844,
-3.6887

■ 11.5870, 16.4726,
-10.1618

■ 77.1350, 18.6674,
-14.1504

■ 3.3230, 10.1938,
-2.9143

■ 101.6620, 19.3936,
-13.7356

■ 0.0000, 0.0000,
0.0000

■ 126.8900, 20.2672,
-13.9355

■ 152.7160, 20.8460,
-12.9059

■ 179.5310, 21.4302,
-13.6207

■ 207.6450, 21.8670,

-13.7207

■ 232.7950, 10.9471,
-11.2212

■ 30.2870, 18.0995,
-18.6687

■ 30.2870, 18.0995,
-18.6687

■ 25.8460, 20.2889,
-20.9129

■ 34.7280, 15.9101,
-16.4245

■ 24.6610, 20.8731,
-21.6277

■ 38.8700, 13.8681,
-14.7950

■ 42.7240, 11.9681,
-12.0359

■ 47.1650, 9.7787,
-9.7917

■ 51.6060, 7.5892,
-7.5475

■ 55.7480, 5.5472,
-5.9180

■ 60.1890, 3.3578,
-3.6738

■ 64.0430, 1.4578,
-0.9147

■ 68.1850, -0.5842,
0.7148

Harmonies

Analogous

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



30.4170, 17.5424, -26.6757



30.2870, 18.0995, -18.6687



35.5460, 12.0558, 6.5372

Triad

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



30.2870, 18.0995, -18.6687



32.4070, -10.5537, 25.0761



26.6890, -1.8187, -23.4063

Complementary

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



30.2870, 18.0995, -18.6687



45.7130, -18.0995, 18.6687

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.



29.2150, -12.9240, -8.0816



30.2870, 18.0995, -18.6687



32.5710, -16.0575, 17.0392

Square

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



30.2870, 18.0995, -18.6687



33.0080, -1.9759, 27.1800



31.9070, -15.7302, 5.3436



29.2140, 5.3175, -25.6207

Rectangle

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



30.2870, 18.0995, -18.6687



34.8740, 7.9501, 16.7735



31.9070, -15.7302, 5.3436



26.0050, -4.4395, -22.8064

Sweetspot

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



30.2870, 18.0995, -18.6687



72.4920, 7.1524, -7.4475



46.8080, -2.3703, -33.1576



35.0040, 3.9420, -4.3885



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.



30.2870, 18.0995, -18.6687



31.6370, 27.2940, -27.7456



16.8080, 24.7447, -3.3396



30.9290, 1.0210, -0.8147



35.7120, 30.2150, -31.3194



82.4750, 69.7718, -72.3306

Inverse Universe

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



29.1920, 2.3703, 33.1576



30.2310, 3.3371, 49.7864



59.1920, -24.7447, 3.3396



31.0110, -0.0054, 1.7444



33.7910, 4.0470, 55.4343



78.0340, 9.3502, 128.0122

Previews

White Background



This preview shows how the YUV color 30.2870, 18.0995, -18.6687 looks on a white background.

Color Contrast Check

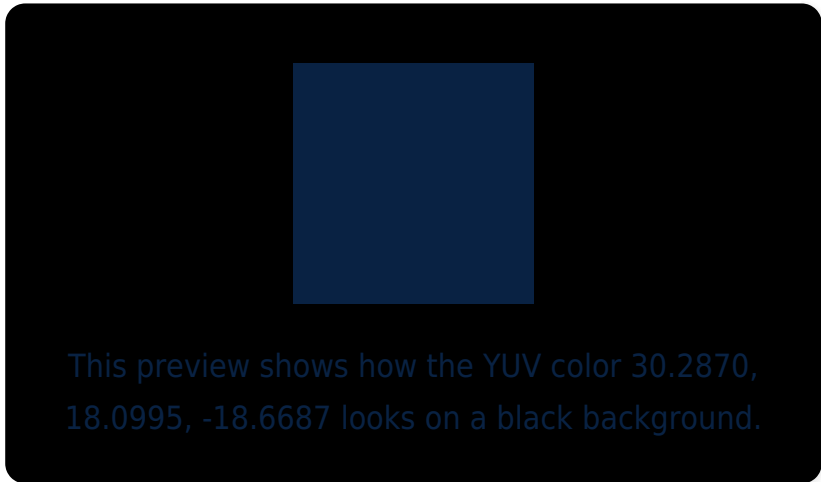
Large Text (above 18pt) WCAG AA ✓ Pass

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

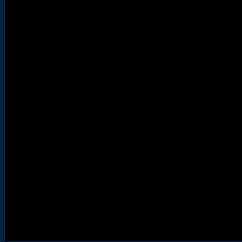
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.2870, 18.0995, -18.6687

Background



This preview shows how black text looks on a background with the YUV color 30.2870, 18.0995, -18.6687.



This preview shows how white text looks on a background with the YUV color 30.2870, 18.0995,

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

30.2870, 18.0995, -18.6687

Protanopia

31.6790, 16.9203, -13.7505

Deuteranopia

27.6130, 16.9528, -24.2166



Tritanopia

26.9800, 6.9119, -23.6615

Trichromacy



Original Color

30.2870, 18.0995, -18.6687

Protanomaly

30.7820, 17.3625, -15.5948

Deuteranomaly

28.7380, 17.3842, -22.5722

Tritanomaly

28.3160, 10.6902, -22.2021

Monochromacy



Original Color

30.2870, 18.0995, -18.6687

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.6770, 6.5682, -6.7327

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.2870, 18.0995, -18.6687 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(9, 34, 67)` looks like.

```
.text, #text, p{  
    color:rgb(9, 34, 67)  
}
```

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(9, 34, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 34, 67) }
```

Border

The CSS property to change the border of an element to YUV 30.2870, 18.0995, -18.6687 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(9, 34, 67) }
```


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

```
.border{ border-color:rgb(9, 34, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 34, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 34, 67); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 34, 67); box-shadow:4px  
4px 4px 4px rgb(9, 34, 67) }
```

Background

The CSS property to change the background color of an element to YUV 30.2870, 18.0995, -18.6687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 34, 67) }
```

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

```
.background{ background-color: rgb(9, 34,  
67) }
```

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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