

Converting Colors

YUV(30.4330, 26.9015, 4.8823)

Have a look what the booklet for
YUV(30.4330, 26.9015, 4.8823)
contains.

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Color

**YUV(30.4330, 26.9015,
4.8823)**

Conversions

Conversions Part 1

Format	Color
Hex	241155
RGB	36, 17, 85
RGB Percent	14%, 7%, 33%
CMY	0.8588, 0.9333, 0.6667
CMYK	0.58, 0.80, 0.00, 0.67
HSL	257°, 67%, 20%
HSV	257°, 80%, 33%
XYZ	2.5677, 1.4318, 8.7354
YIQ	30.4330, -10.5040, 25.1760

Conversions

Conversions Part 2

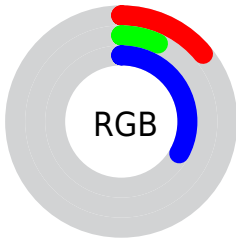
Format	Color
RYB	36, 17, 85
Decimal	2363733
CIELab	12.17, 28.61, -37.69
CIElCh	12, 47.324, 307.203
Yxy	1.4318, 0.2016, 0.1124
Android (android.graphics.Color)	4280553813 (0xFF241155)
YUV	30.4330, 26.9015, 4.8823
Hunter-Lab	11.9660, 17.3627, -34.9066

Details

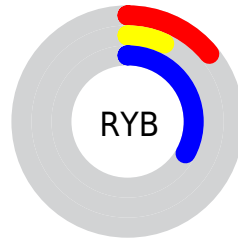
The YUV color **30.4330, 26.9015, 4.8823** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **71.5670, -26.9015, -4.8823**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.2100, 28.4905, 8.5858**, and **6.2070, 16.1669, -5.4435** is the 20% darker color. If you saturate the color by 10%, you get **23.3560, 30.3905, 5.8268**, and if you desaturate by 10%, it is **36.9230, 23.7020, 4.4525**.

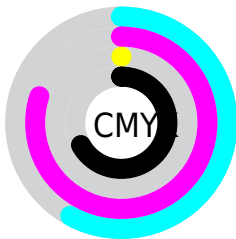
Distribution



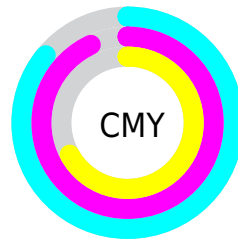
- Red (14%)
- Green (7%)
- Blue (33%)



- Red (14%)
- Yellow (7%)
- Blue (33%)



- Cyan (58%)
- Magenta (80%)
- Yellow (0%)
- Black (67%)



- Cyan (86%)
- Magenta (93%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.4330, 26.9015, 4.8823 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 30.4330, 26.9015, 4.8823 by changing the saturation by 10% instead.

■ 30.4330, 26.9015,
4.8823

■ 30.4330, 26.9015,
4.8823

■ 249.1300, 2.8939,
5.1480

■ 10.8410, 24.7284,
1.8934

■ 77.2100, 28.4905,
8.5858

■ 6.2070, 16.1669,
-5.4435

■ 102.1500, 29.5061,
9.5155

■ 2.4110, 6.6994,
-2.1144

■ 127.9760, 30.0848,
10.5450

■ 0.0000, 0.0000,
0.0000

■ 153.9160, 31.1004,
11.4747

■ 181.4430, 31.8266,
11.8895

■ 206.6900, 23.8168,

14.3039

231.7970, 11.4391,
17.7180

30.4330, 26.9015,
4.8823

30.4330, 26.9015,
4.8823

23.3560, 30.3905,
5.8268

36.9230, 23.7020,
4.4525

16.8660, 33.5901,
6.2565

44.0000, 20.2130,
3.5080

50.4900, 17.0134,
3.0783

57.5670, 13.5245,
2.1337

64.3560, 10.1775,
2.3188

■ 71.4330, 6.6885,
1.3743

■ 77.9230, 3.4890,
0.9445

■ 85.0000, 0.0000,
0.0000

■ 92.0770, -3.4890,
-0.9445

Harmonies

Analogous

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



31.7170, 32.6775, -27.8158



30.4330, 26.9015, 4.8823



28.7380, 14.4262, 39.6948

Triad

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



30.4330, 26.9015, 4.8823



29.0930, -14.3428, 27.1054



30.8610, 4.0125, -27.0651

Complementary

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



30.4330, 26.9015, 4.8823



71.5670, -26.9015, -4.8823

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.



25.8280, -12.7332, -22.6512



30.4330, 26.9015, 4.8823



29.5370, -14.5617, 3.9141

Square

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



30.4330, 26.9015, 4.8823



23.6210, -11.6452, 48.5674



23.4800, -11.5756, -20.5920



34.5090, 17.9901, -30.2644

Rectangle

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



30.4330, 26.9015, 4.8823



28.9210, 3.4899, 47.4273



23.4800, -11.5756, -20.5920



29.6070, -0.7923, -25.9653

Sweetspot

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



30.4330, 26.9015, 4.8823



88.4700, 10.6143, 2.2188



54.1020, 15.2327, -32.5385



43.0200, 6.3991, 0.8595



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



30.4330, 26.9015, 4.8823



25.0540, 41.8784, 7.8456



40.3000, 22.0371, 25.1699



39.7550, 1.5998, 0.2149



21.1680, 42.3152, 7.7457



46.5240, 92.9187, 17.0805

Inverse Universe

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



42.9180, 11.3794, 36.9059



44.3580, 17.5715, 57.5680



61.7000, -22.0371, -25.1699



40.5380, 0.7208, 2.1592



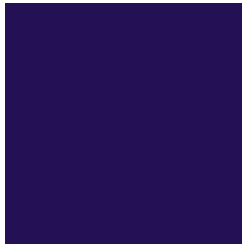
40.7710, 17.8609, 58.0828



89.5310, 39.1782, 127.5763

Previews

White Background



This preview shows how the YUV color 30.4330, 26.9015, 4.8823 looks on a white background.

Color Contrast Check

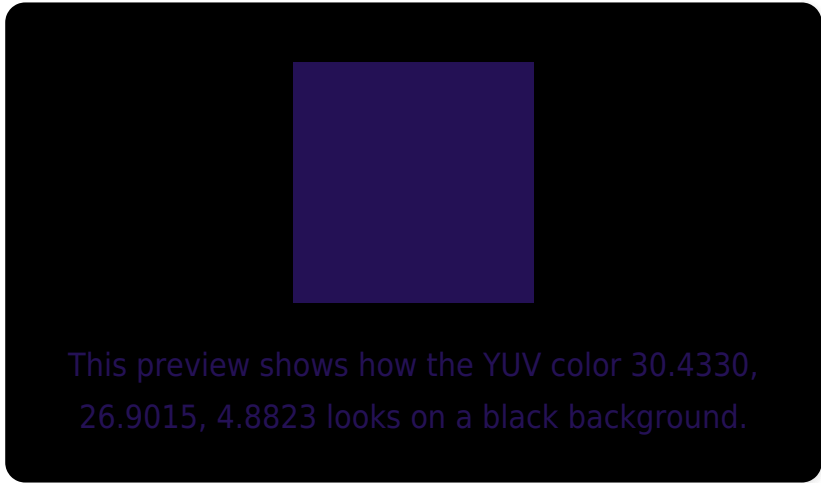
Large Text (above 18pt) WCAG AA ✓ Pass

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

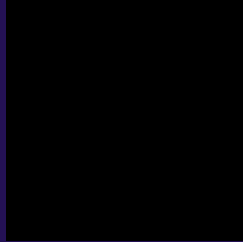
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.4330, 26.9015, 4.8823

Background



This preview shows how black text looks on a background with the YUV color 30.4330, 26.9015, 4.8823.



This preview shows how white text looks on a background with the YUV color 30.4330, 26.9015,

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

30.4330, 26.9015, 4.8823

Protanopia

26.4220, 20.0050, -23.1721

Deuteranopia

26.5700, 15.4950, -23.3019



Tritanopia

30.6610, 4.1111, -11.9807

Trichromacy



Original Color

30.4330, 26.9015, 4.8823

Protanomaly

28.1720, 22.5932, -13.3058

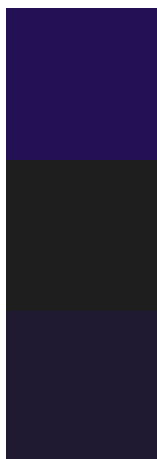
Deuteranomaly

28.0750, 19.6830, -13.2208

Tritanomaly

30.5830, 12.5306, -5.7733

Monochromacy



Original Color

30.4330, 26.9015, 4.8823

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.9430, 9.8881, 1.8040

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.4330, 26.9015, 4.8823 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(36, 17, 85)` looks like.

```
.text, #text, p{  
    color:rgb(36, 17, 85)  
}
```

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(36, 17, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 17, 85) }
```

Border

The CSS property to change the border of an element to YUV 30.4330, 26.9015, 4.8823 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(36, 17, 85) }
```


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

```
.border{ border-color:rgb(36, 17, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 17, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 17, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 17, 85);  
box-shadow:4px 4px 4px 4px rgb(36, 17, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.4330, 26.9015, 4.8823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 17, 85) }
```

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

```
.background{ background-color: rgb(36, 17,  
85) }
```

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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