

Converting Colors

YUV(30.5310, 24.8812, -0.4657)

Have a look what the booklet for
YUV(30.5310, 24.8812, -0.4657)
contains.

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Color

**YUV(30.5310, 24.8812,
-0.4657)**

Conversions

Conversions Part 1

Format	Color
Hex	1E1551
RGB	30, 21, 81
RGB Percent	12%, 8%, 32%
CMY	0.8824, 0.9176, 0.6824
CMYK	0.63, 0.74, 0.00, 0.68
HSL	249°, 59%, 20%
HSV	249°, 74%, 32%
XYZ	2.2888, 1.4064, 7.9354
YIQ	30.5310, -13.8960, 20.5680

Conversions

Conversions Part 2

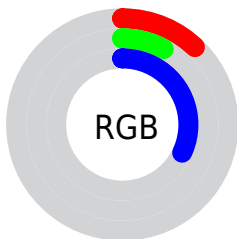
Format	Color
RYB	30, 21, 81
Decimal	1971537
CIELab	12.00, 23.69, -35.26
CIELCh	12, 42.486, 303.898
Yxy	1.4064, 0.1968, 0.1209
Android (android.graphics.Color)	4280161617 (0xFF1E1551)
YUV	30.5310, 24.8812, -0.4657
Hunter-Lab	11.8593, 13.6959, -31.3712

Details

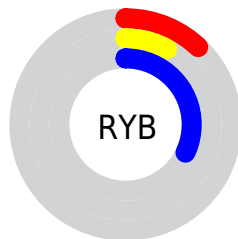
The YUV color **30.5310, 24.8812, -0.4657** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **71.4690, -24.8812, 0.4657**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.7210, 26.7595, 3.7527**, and **5.1640, 14.7091, -4.5288** is the 20% darker color. If you saturate the color by 10%, you get **23.7420, 28.2282, -0.6507**, and if you desaturate by 10%, it is **37.3200, 21.5342, -0.2806**.

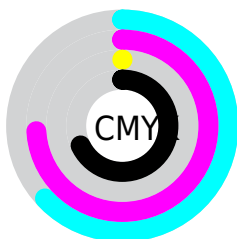
Distribution



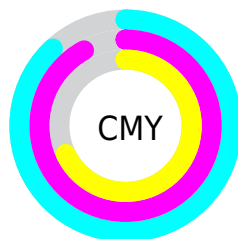
- Red (12%)
- Green (8%)
- Blue (32%)



- Red (12%)
- Yellow (8%)
- Blue (32%)



- Cyan (63%)
- Magenta (74%)
- Yellow (0%)
- Black (68%)



- Cyan (88%)
- Magenta (92%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.5310, 24.8812, -0.4657 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 30.5310, 24.8812, -0.4657 by changing the saturation by 10% instead.

■ 30.5310, 24.8812,
-0.4657

■ 30.5310, 24.8812,
-0.4657

■ 250.8910, 2.0257,
3.6036

■ 9.0040, 24.1550,
-0.8805

■ 76.7210, 26.7595,
3.7527

■ 5.1640, 14.7091,
-4.5288

■ 101.2480, 27.4857,
4.1675

■ 1.1400, 4.3680,
-0.9998

■ 127.1880, 28.5013,
5.0971

■ 0.0000, 0.0000,
0.0000

■ 153.0140, 29.0801,
6.1267

■ 179.6550, 30.2431,
6.4416

■ 206.0590, 24.1279,

7.8413

231.1660, 11.7502,
11.2554

30.5310, 24.8812,
-0.4657

30.5310, 24.8812,
-0.4657

23.7420, 28.2282,
-0.6507

37.3200, 21.5342,
-0.2806

16.9530, 31.5752,
-0.8358

44.1090, 18.1873,
-0.0956

12.8220, 33.6118,
-0.7209

50.8980, 14.8403,
0.0895

57.6870, 11.4933,
0.2745

64.7640, 8.0043,
-0.6700

■ 71.5530, 4.6574,
-0.4850

■ 78.3420, 1.3104,
-0.2999

■ 85.1310, -2.0366,
-0.1149

■ 91.9200, -5.3836,
0.0702

Harmonies

Analogous

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



30.9190, 29.6199, -27.1160



30.5310, 24.8812, -0.4657



26.6450, 15.4580, 35.3913

Triad

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



30.5310, 24.8812, -0.4657



29.0930, -14.3428, 27.1054



29.8180, 2.5547, -26.1504

Complementary

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



30.5310, 24.8812, -0.4657



71.4690, -24.8812, 0.4657

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.



24.6540, -12.1544, -21.6216



30.5310, 24.8812, -0.4657



29.8470, -14.7146, 6.2732

Square

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



30.5310, 24.8812, -0.4657



22.7240, -11.2029, 46.7231



22.9040, -11.2917, -18.3328



32.5370, 15.5113, -28.5349

Rectangle

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



30.5310, 24.8812, -0.4657



27.4690, 5.6848, 43.4387



22.9040, -11.2917, -18.3328



27.9770, -1.9607, -24.5358

Sweetspot

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



30.5310, 24.8812, -0.4657



85.5190, 9.6041, -0.4552



57.7770, 11.4489, -32.2534



42.1940, 5.8204, -0.1701



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



30.5310, 24.8812, -0.4657



26.4890, 38.7059, -1.3059



39.5010, 20.4590, 17.9776



37.4560, 1.7472, -0.3999



16.7540, 43.5053, -0.6613



36.9130, 96.1779, -1.6777

Inverse Universe

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



44.7540, 13.4323, 31.7877



48.8130, 20.7982, 49.2760



62.4990, -20.4590, -17.9776



38.5380, 0.7208, 2.1592



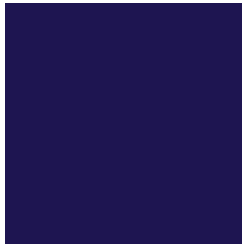
41.5410, 23.3973, 55.6535



91.8260, 51.8508, 122.9326

Previews

White Background



This preview shows how the YUV color 30.5310, 24.8812, -0.4657 looks on a white background.

Color Contrast Check

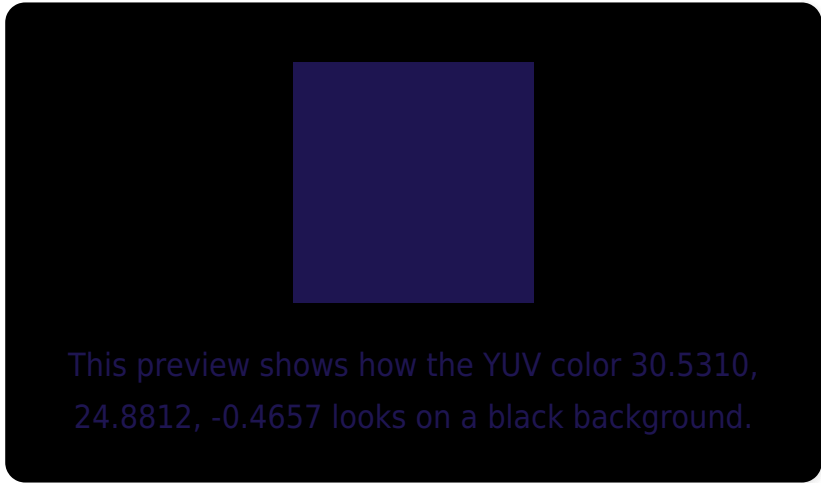
Large Text (above 18pt) WCAG AA ✓ Pass

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

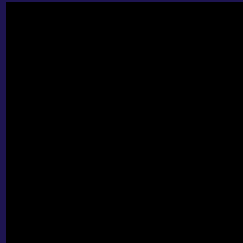
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.5310, 24.8812, -0.4657

Background



This preview shows how black text looks on a background with the YUV color 30.5310, 24.8812, -0.4657.



This preview shows how white text looks on a background with the YUV color 30.5310, 24.8812,

-0.4657.

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

30.5310, 24.8812, -0.4657

Deuteranopia

25.7550, 14.9108, -22.5871

Tritanopia

25.5780, 6.6170, -22.4319

Trichromacy



Original Color

30.5310, 24.8812, -0.4657

Deuteranomaly

27.7220, 18.3781, -14.6652

Tritanomaly

27.6420, 12.9945, -14.5950

Monochromacy



Original Color

30.5310, 24.8812, -0.4657

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.7040, 9.0199, 0.2596

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.5310, 24.8812, -0.4657 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(30, 21, 81)` looks like.

```
.text, #text, p{  
    color:rgb(30, 21, 81)  
}
```

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(30, 21, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 21, 81) }
```

Border

The CSS property to change the border of an element to YUV 30.5310, 24.8812, -0.4657 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(30, 21, 81) }
```

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

```
.border{ border-color:rgb(30, 21, 81) }
```

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

Here you see how a box with a 4 pixel rgb(30, 21, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 21, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 21, 81);  
box-shadow:4px 4px 4px 4px rgb(30, 21, 81)  
}
```


Background

The CSS property to change the background color of an element to YUV 30.5310, 24.8812, -0.4657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 21, 81) }
```

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

```
.background{ background-color: rgb(30, 21,  
81) }
```

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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