

Converting Colors

YUV(48.2410, 31.4332, -1.9654)

Have a look what the booklet for
YUV(48.2410, 31.4332, -1.9654)
contains.

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Color

**YUV(48.2410, 31.4332,
-1.9654)**

Conversions

Conversions Part 1

Format	Color
Hex	2E2570
RGB	46, 37, 112
RGB Percent	18%, 15%, 44%
CMY	0.8196, 0.8549, 0.5608
CMYK	0.59, 0.67, 0.00, 0.56
HSL	247°, 50%, 29%
HSV	247°, 67%, 44%
XYZ	4.7129, 3.0738, 15.6741
YIQ	48.2410, -18.7110, 25.2330

Conversions

Conversions Part 2

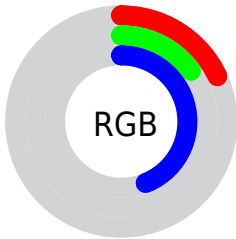
Format	Color
R_{YB}	46, 37, 112
Decimal	3024240
CIE _{Lab}	20.34, 27.06, -42.17
CIE _{LCh}	20, 50.106, 302.694
Yxy	3.0738, 0.2009, 0.1310
Android (android.graphics.Color)	4281214320 (0xFF2E2570)
YUV	48.2410, 31.4332, -1.9654
Hunter-Lab	17.5323, 17.3014, -40.7334

Details

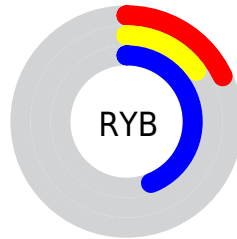
The YUV color **48.2410, 31.4332, -1.9654** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **100.7590, -31.4332, 1.9654**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.5450, 33.7483, 2.1530**, and **7.1820, 27.5183, -6.2986** is the 20% darker color. If you saturate the color by 10%, you get **38.7940, 36.0906, -2.4503**, and if you desaturate by 10%, it is **57.6880, 26.7758, -1.4804**.

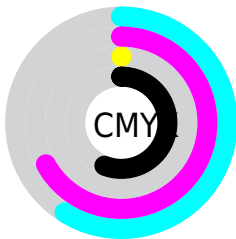
Distribution



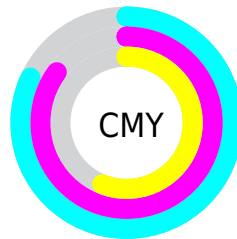
- Red (18%)
- Green (15%)
- Blue (44%)



- Red (18%)
- Yellow (15%)
- Blue (44%)



- Cyan (59%)
- Magenta (67%)
- Yellow (0%)
- Black (56%)



- Cyan (82%)
- Magenta (85%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.2410, 31.4332, -1.9654 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 48.2410, 31.4332, -1.9654 by changing the saturation by 10% instead.

■ 48.2410, 31.4332,
-1.9654

■ 48.2410, 31.4332,
-1.9654

■ 255.0000, 0.0000,
0.0000

■ 23.7950, 31.1601,
-7.7132

■ 96.5450, 33.7483,
2.1530

■ 7.1820, 27.5183,
-6.2986

■ 122.3710, 34.3271,
3.1826

■ 6.3210, 16.6037,
-5.5435

■ 148.3110, 35.3427,
4.1123

■ 2.6390, 7.5730,
-2.3144

■ 175.2510, 36.3583,
5.0419

■ 0.0000, 0.0000,
0.0000

■ 200.1560, 27.0381,
7.7562

■ 225.2630, 14.6603,

11.1703

247.3690, 3.7621,
6.6924

48.2410, 31.4332,
-1.9654

48.2410, 31.4332,
-1.9654

38.7940, 36.0906,
-2.4503

57.6880, 26.7758,
-1.4804

29.3470, 40.7479,
-2.9353

67.1350, 22.1184,
-0.9954

19.3130, 45.6947,
-2.9055

77.1690, 17.1717,
-1.0252

16.6550, 47.0051,
-3.2054

86.3170, 12.6617,
-1.1550

95.7640, 8.0043,
-0.6700

■ 105.2110, 3.3470,
-0.1850

■ 114.6580, -1.3104,
0.2999

■ 124.6920, -6.2572,
0.2701

■ 134.1390,
-10.9145, 0.7551

Harmonies

Analogous

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



45.2470, 38.8252, -39.6816



48.2410, 31.4332, -1.9654



39.6170, 21.3878, 46.8169

Triad

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



48.2410, 31.4332, -1.9654



45.3840, -22.3743, 36.4972



42.9090, 4.4819, -37.6312

Complementary

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



48.2410, 31.4332, -1.9654



100.7590, -31.4332, 1.9654

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.



37.6480, -13.1375, -33.0173



48.2410, 31.4332, -1.9654



46.4040, -22.8772, 11.0467

Square

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



48.2410, 31.4332, -1.9654



32.8340, -11.2572, 64.1666



39.7270, -19.5854, -18.1776



47.6000, 19.9172, -41.7452

Rectangle

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



48.2410, 31.4332, -1.9654



38.8330, 10.4353, 59.7825



39.7270, -19.5854, -18.1776



41.4270, -1.1965, -36.3315

Sweetspot

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



48.2410, 31.4332, -1.9654



120.5020, 12.0775, -0.4403



84.2920, 13.6600, -41.4751



58.6500, 7.5676, -0.5700



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



48.2410, 31.4332, -1.9654



46.4100, 48.6049, -2.9906



59.3040, 25.9791, 20.7814



50.9830, 2.4734, 0.0149



17.8660, 50.3521, -3.3905



37.1280, 103.4669, -6.2513

Inverse Universe

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



66.9490, 17.7731, 39.5097



75.3120, 27.4542, 61.1164



89.6960, -25.9791, -20.7814



52.3640, 1.2995, 3.1888



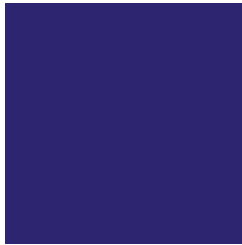
47.8500, 28.1750, 63.2756



98.7050, 58.8124, 130.0547

Previews

White Background



This preview shows how the YUV color 48.2410, 31.4332, -1.9654 looks on a white background.

Color Contrast Check

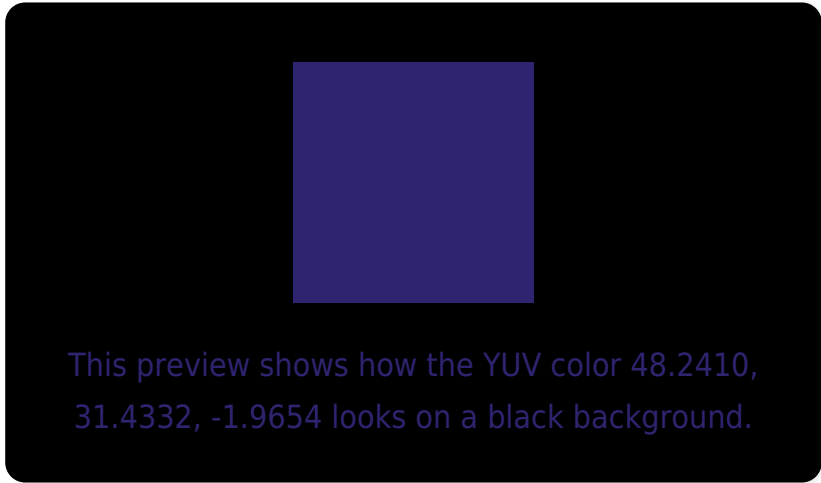
Large Text (above 18pt) WCAG AA ✓ Pass

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

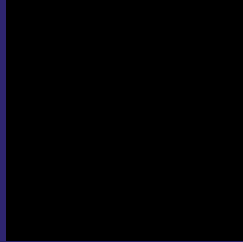
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.2410, 31.4332, -1.9654

Background



This preview shows how black text looks on a background with the YUV color 48.2410, 31.4332, -1.9654.



This preview shows how white text looks on a background with the YUV color 48.2410, 31.4332,

-1.9654.

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

48.2410, 31.4332, -1.9654

Protanopia

39.6900, 30.2258, -34.8081

Deuteranopia

39.8550, 23.2425, -34.9528



Tritanopia

45.1870, 6.3168, -19.4580

Trichromacy



Original Color

48.2410, 31.4332, -1.9654

Protanomaly

42.8810, 30.6247, -22.6976

Deuteranomaly

43.0290, 26.1147, -22.8274

Tritanomaly

46.3370, 15.6099, -13.4505

Monochromacy



Original Color

48.2410, 31.4332, -1.9654

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.9750, 11.3513, -0.8551

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.2410, 31.4332, -1.9654 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(46, 37, 112)` looks like.

```
.text, #text, p{  
    color:rgb(46, 37, 112)  
}
```

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(46, 37, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 37, 112) }
```

Border

The CSS property to change the border of an element to YUV 48.2410, 31.4332, -1.9654 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(46, 37, 112) }
```


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

```
.border{ border-color:rgb(46, 37, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 37, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 37, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 37, 112);  
box-shadow:4px 4px 4px 4px rgb(46, 37,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 48.2410, 31.4332, -1.9654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 37, 112) }
```

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

```
.background{ background-color: rgb(46, 37,  
112) }
```

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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