

Converting Colors

YUV(49.3400, 24.4824,
-12.5762)

Have a look what the booklet for
YUV(49.3400, 24.4824, -12.5762)
contains.

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Color

**YUV(49.3400, 24.4824,
-12.5762)**

Conversions

Conversions Part 1

Format	Color
Hex	232F63
RGB	35, 47, 99
RGB Percent	14%, 18%, 39%
CMY	0.8627, 0.8157, 0.6118
CMYK	0.65, 0.53, 0.00, 0.61
HSL	229°, 48%, 26%
HSV	229°, 65%, 39%
XYZ	3.9618, 3.2912, 12.2308
YIQ	49.3400, -23.8440, 13.6280

Conversions

Conversions Part 2

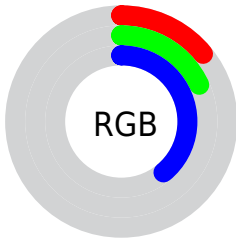
Format	Color
R_{YB}	35, 45, 99
Decimal	2305891
CIE _{Lab}	21.17, 13.13, -32.41
CIE _{LCh}	21, 34.965, 292.053
Yxy	3.2912, 0.2033, 0.1689
Android (android.graphics.Color)	4280495971 (0xFF232F63)
YUV	49.3400, 24.4824, -12.5762
Hunter-Lab	18.1417, 7.2329, -27.2732

Details

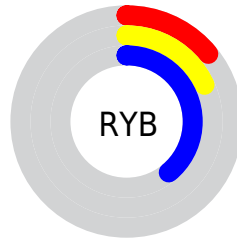
The YUV color **49.3400, 24.4824, -12.5762** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **84.6600, -24.4824, 12.5762**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.7040, 25.7819, -9.3874**, and **5.9280, 22.7135, -5.1989** is the 20% darker color. If you saturate the color by 10%, you get **41.6540, 28.2716, -14.6056**, and if you desaturate by 10%, it is **57.0260, 20.6932, -10.5468**.

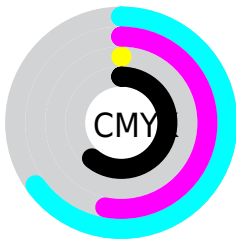
Distribution



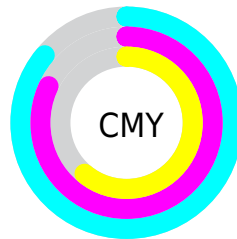
- Red (14%)
- Green (18%)
- Blue (39%)



- Red (14%)
- Yellow (18%)
- Blue (39%)



- Cyan (65%)
- Magenta (53%)
- Yellow (0%)
- Black (61%)



- Cyan (86%)
- Magenta (82%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.3400, 24.4824, -12.5762 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 49.3400, 24.4824, -12.5762 by changing the saturation by 10% instead.

■ 49.3400, 24.4824,
-12.5762

■ 49.3400, 24.4824,
-12.5762

■ 255.0000, 0.0000,
0.0000

■ 25.2960, 24.5041,
-19.5536

■ 97.7040, 25.7819,
-9.3874

■ 5.9280, 22.7135,
-5.1989

■ 122.6440, 26.7975,
-8.4578

■ 4.5940, 12.5252,
-4.0289

■ 148.8720, 27.6711,
-8.6577

■ 0.0000, 0.0000,
0.0000

■ 175.3990, 28.3973,
-8.2429

■ 202.1280, 26.0659,
-7.1283

■ 227.2350, 13.6881,

-3.7141

252.9290, 1.0210,
-0.8147

49.3400, 24.4824,
-12.5762

49.3400, 24.4824,
-12.5762

41.6540, 28.2716,
-14.6056

57.0260, 20.6932,
-10.5468

33.9680, 32.0608,
-16.6349

64.7120, 16.9040,
-8.5174

26.2820, 35.8500,
-18.6643

72.3980, 13.1148,
-6.4880

22.4390, 37.7446,
-19.6790

80.0840, 9.3256,
-4.4587

87.7700, 5.5364,
-2.4293

■ 95.1570, 1.8946,
-1.0147

■ 102.8430, -1.8946,
1.0147

■ 110.5290, -5.6838,
3.0441

■ 118.2150, -9.4730,
5.0734

Harmonies

Analogous

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



44.5000, 28.3475, -39.0265



49.3400, 24.4824, -12.5762



52.4320, 15.0700, 19.7921

Triad

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



49.3400, 24.4824, -12.5762



48.0570, -19.7481, 34.1530



41.2960, 0.8401, -36.2166

Complementary

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



49.3400, 24.4824, -12.5762



84.6600, -24.4824, 12.5762

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.



38.8380, -11.2591, -28.7989



49.3400, 24.4824, -12.5762



48.2200, -23.7725, 18.2241

Square

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



49.3400, 24.4824, -12.5762



47.1410, -6.9715, 42.8493



45.7400, -22.5498, -0.6490



44.9610, 12.3442, -39.4308

Rectangle

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



49.3400, 24.4824, -12.5762



50.0980, 8.3327, 34.1171



45.7400, -22.5498, -0.6490



40.2700, -3.0911, -35.3168

Sweetspot

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



49.3400, 24.4824, -12.5762



108.7850, 9.4730, -5.0734



78.3820, 3.7557, -38.0460



52.4710, 5.6838, -3.0441



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



49.3400, 24.4824, -12.5762



50.5530, 38.1814, -19.7790



47.9770, 25.1543, 5.2822



45.0430, 1.4578, -0.9147



25.0950, 42.8442, -22.0083



53.7750, 91.8089, -47.1607

Inverse Universe

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



55.5040, -4.1925, 38.1460



60.0660, -6.4415, 59.5781



86.0230, -25.1543, -5.2822



45.3100, -0.1528, 2.3591



35.8820, -7.3368, 66.7555



76.8900, -15.7218, 143.0475

Previews

White Background



This preview shows how the YUV color 49.3400, 24.4824, -12.5762 looks on a white background.

Color Contrast Check

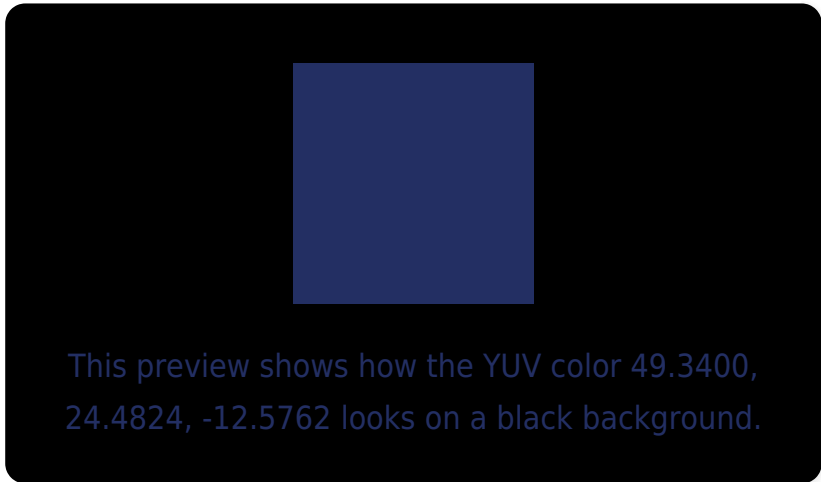
Large Text (above 18pt) WCAG AA ✓ Pass

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

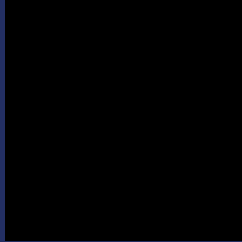
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.3400, 24.4824, -12.5762

Background



This preview shows how black text looks on a background with the YUV color 49.3400, 24.4824, -12.5762.



This preview shows how white text looks on a background with the YUV color 49.3400, 24.4824,

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

49.3400, 24.4824, -12.5762

Protanopia

45.3600, 27.4305, -24.8717

Deuteranopia

40.8980, 24.7003, -35.8675



Tritanopia

42.8160, 8.9647, -28.7796

Trichromacy



Original Color

49.3400, 24.4824, -12.5762

Protanomaly

46.7520, 26.2513, -19.9535

Deuteranomaly

43.9530, 24.6732, -27.1458

Tritanomaly

45.3420, 14.6214, -23.1019

Monochromacy



Original Color

49.3400, 24.4824, -12.5762

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.9700, 8.8888, -4.3587

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.3400, 24.4824, -12.5762 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(35, 47, 99)` looks like.

```
.text, #text, p{  
    color:rgb(35, 47, 99)  
}
```

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(35, 47, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 47, 99) }
```

Border

The CSS property to change the border of an element to YUV 49.3400, 24.4824, -12.5762 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(35, 47, 99) }
```


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

```
.border{ border-color:rgb(35, 47, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 47, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 47, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 47, 99);  
box-shadow:4px 4px 4px 4px rgb(35, 47, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.3400, 24.4824, -12.5762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 47, 99) }
```

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

```
.background{ background-color: rgb(35, 47,  
99) }
```

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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