

Converting Colors

YUV(49.2360, 62.4947,
-24.7630)

Have a look what the booklet for
YUV(49.2360, 62.4947, -24.7630)
contains.

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Color

**YUV(49.2360, 62.4947,
-24.7630)**

Conversions

Conversions Part 1

Format	Color
Hex	1527B0
RGB	21, 39, 176
RGB Percent	8%, 15%, 69%
CMY	0.9176, 0.8471, 0.3098
CMYK	0.88, 0.78, 0.00, 0.31
HSL	233°, 79%, 39%
HSV	233°, 88%, 69%
XYZ	8.8713, 4.7451, 41.5226
YIQ	49.2360, -54.7050, 38.7910

Conversions

Conversions Part 2

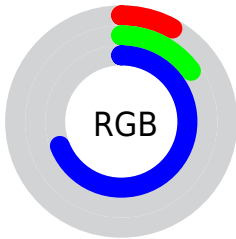
Format	Color
R_{YB}	21, 37, 176
Decimal	1386416
CIE _{Lab}	26.00, 45.79, -72.63
CIE _{LCh}	26, 85.857, 302.230
Yxy	4.7451, 0.1609, 0.0861
Android (android.graphics.Color)	4279576496 (0xFF1527B0)
YUV	49.2360, 62.4947, -24.7630
Hunter-Lab	21.7832, 34.5741, -97.7692

Details

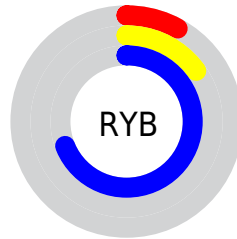
The YUV color **49.2360, 62.4947, -24.7630** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **147.7640, -62.4947, 24.7630**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.9440, 62.1456, -6.0899**, and **13.9080, 53.2894, -12.1973** is the 20% darker color. If you saturate the color by 10%, you get **34.4620, 69.7782, -27.5922**, and if you desaturate by 10%, it is **64.0100, 55.2111, -21.9338**.

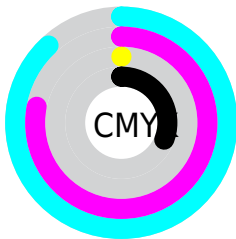
Distribution



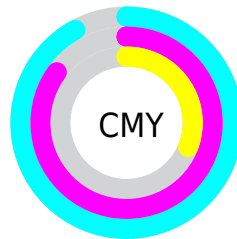
- Red (8%)
- Green (15%)
- Blue (69%)



- Red (8%)
- Yellow (15%)
- Blue (69%)



- Cyan (88%)
- Magenta (78%)
- Yellow (0%)
- Black (31%)



- Cyan (92%)
- Magenta (85%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.2360, 62.4947, -24.7630 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 49.2360, 62.4947, -24.7630 by changing the saturation by 10% instead.

■ 49.2360, 62.4947,
-24.7630

■ 49.2360, 62.4947,
-24.7630

■ 255.0000, 0.0000,
0.0000

■ 26.9650, 60.1633,
-23.6483

■ 106.9440, 62.1456,
-6.0899

■ 13.9080, 53.2894,
-12.1973

■ 133.3960, 59.9508,
-2.1013

■ 10.9440, 41.9326,
-9.5979

■ 157.9270, 47.8570,
3.5720

■ 12.7900, 28.6975,
-11.2168

■ 182.1590, 35.9106,
8.6306

■ 7.8200, 19.8087,
-6.8581

■ 207.5650, 23.3855,
12.6595

■ 3.5510, 11.0674,
-3.1142

■ 233.2700, 10.7129,

■ 0.0000, 0.0000,

17.3032

0.0000

250.3040, 2.3151,
4.1184

49.2360, 62.4947,
-24.7630

49.2360, 62.4947,
-24.7630

34.4620, 69.7782,
-27.5922

64.0100, 55.2111,
-21.9338

31.8040, 71.0886,
-27.8921

77.8980, 48.3643,
-19.2045

92.6720, 41.0807,
-16.3753

106.5600, 34.2339,
-13.6461

121.3340, 26.9503,
-10.8169

■ 135.5210, 19.9561,
-7.4729

■ 149.9960, 12.8200,
-5.2585

■ 164.1830, 5.8258,
-1.9145

■ 178.6580, -1.3104,
0.2999

Harmonies

Analogous

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



64.8360, 65.6499, -56.8612



49.2360, 62.4947, -24.7630



55.0990, 33.9682, 71.8272

Triad

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



49.2360, 62.4947, -24.7630



51.1530, -25.2184, 62.1328



55.5440, 4.6618, -48.7121

Complementary

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



49.2360, 62.4947, -24.7630



147.7640, -62.4947, 24.7630

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.



46.9600, -23.1513, -41.1839



49.2360, 62.4947, -24.7630



57.9220, -28.5555, 12.3464

Square

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



49.2360, 62.4947, -24.7630



46.3450, -22.8481, 95.2904



44.0250, -21.7043, -38.6099



64.2420, 32.9117, -56.3402

Rectangle

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



49.2360, 62.4947, -24.7630



57.1880, 12.2323, 90.1661



44.0250, -21.7043, -38.6099



52.9220, -5.3845, -46.4126

Sweetspot

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



49.2360, 62.4947, -24.7630



180.9490, 24.1821, -9.6023



127.6030, 14.9857, -93.4908



85.4520, 14.5672, -5.6584



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



49.2360, 62.4947, -24.7630



42.0690, 92.6500, -36.8945



56.3110, 59.0067, 20.7753



81.6130, 3.6418, -1.4146



28.0080, 61.6211, -24.5630



4.7250, 10.4886, -4.1438

Inverse Universe

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



69.3970, -14.9857, 93.4908



71.8480, -22.1101, 138.6993



140.6890, -59.0067, -20.7753



82.8050, -0.8899, 5.4330



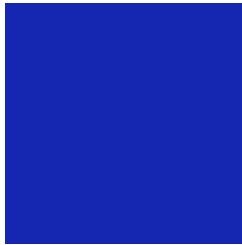
47.7990, -14.6909, 92.2613



8.1160, -2.5222, 15.6843

Previews

White Background



This preview shows how the YUV color 49.2360, 62.4947, -24.7630 looks on a white background.

Color Contrast Check

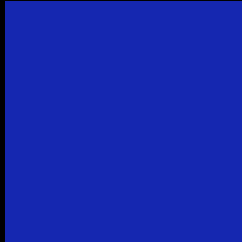
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 49.2360, 62.4947, -24.7630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

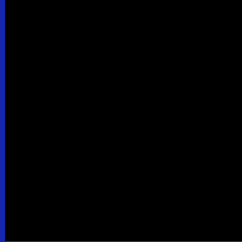
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.2360, 62.4947, -24.7630

Background



This preview shows how black text looks on a background with the YUV color 49.2360, 62.4947, -24.7630.



This preview shows how white text looks on a background with the YUV color 49.2360, 62.4947, -24.7630.

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

49.2360, 62.4947, -24.7630

Protanopia

49.4700, 37.2363, -43.3852

Deuteranopia

49.6520, 27.7796, -43.5448



Tritanopia

48.7110, 11.4815, -42.7195

Trichromacy



Original Color

49.2360, 62.4947, -24.7630

Protanomaly

49.3320, 46.6713, -36.2482

Deuteranomaly

49.6110, 40.1248, -36.4928

Tritanomaly

48.9780, 30.0838, -35.9377

Monochromacy



Original Color

49.2360, 62.4947, -24.7630

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.9060, 22.7243, -8.6876

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.2360, 62.4947, -24.7630 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(21, 39, 176)` looks like.

```
.text, #text, p{  
    color:rgb(21, 39, 176)  
}
```

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(21, 39, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 39, 176) }
```

Border

The CSS property to change the border of an element to YUV 49.2360, 62.4947, -24.7630 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(21, 39, 176) }
```


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

```
.border{ border-color:rgb(21, 39, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 39, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 39, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 39, 176);  
box-shadow:4px 4px 4px 4px rgb(21, 39,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 49.2360, 62.4947, -24.7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 39, 176) }
```

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

```
.background{ background-color: rgb(21, 39,  
176) }
```

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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