

Converting Colors

YUV(49.7040, -24.5041,
19.5536)

Have a look what the booklet for
YUV(49.7040, -24.5041, 19.5536)
contains.

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Color

**YUV(49.7040, -24.5041,
19.5536)**

Conversions

Conversions Part 1

Format	Color
Hex	483000
RGB	72, 48, 0
RGB Percent	28%, 19%, 0%
CMY	0.7176, 0.8118, 1.0000
CMYK	0.00, 0.33, 1.00, 0.72
HSL	40°, 100%, 14%
HSV	40°, 100%, 28%
XYZ	3.7294, 3.4916, 0.4774
YIQ	49.7040, 29.7120, -9.8400

Conversions

Conversions Part 2

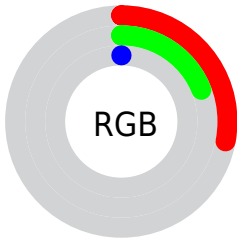
Format	Color
RYB	36, 72, 0
Decimal	4730880
CIELab	21.91, 6.48, 30.95
CIELCh	22, 31.626, 78.173
Yxy	3.4916, 0.4844, 0.4535
Android (android.graphics.Color)	4282920960 (0xFF483000)
YUV	49.7040, -24.5041, 19.5536
Hunter-Lab	18.6859, 2.9258, 11.5654

Details

The YUV color **49.7040, -24.5041, 19.5536** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **22.2960, 24.5041, -19.5536**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.6120, -24.9517, 23.1423**, and **8.0510, -3.9691, 13.1103** is the 20% darker color. If you saturate the color by 10%, you get **49.7040, -24.5041, 19.5536**, and if you desaturate by 10%, it is **51.6760, -22.0253, 17.8241**.

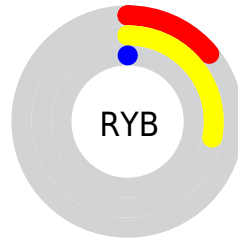
Distribution



Red (28%)

Green (19%)

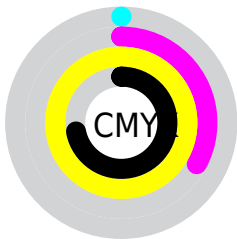
Blue (0%)



Red (14%)

Yellow (28%)

Blue (0%)

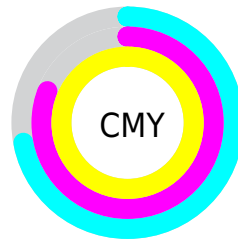


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (72%)



Cyan (72%)


Magenta (81%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 49.7040, -24.5041, 19.5536 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 49.7040, -24.5041, 19.5536 by changing the saturation by 10% instead.


 49.7040, -24.5041,
19.5536


 49.7040, -24.5041,
19.5536

 252.0360,
-11.3567, 2.5994

 29.9020, -14.7417,
14.9949


 97.6120, -24.9517,
23.1423


 8.0510, -3.9691,
13.1103

 122.5090,
-25.3939, 24.9866

 0.0000, 0.0000,
0.0000


 148.5800,
-26.4149, 25.8013


 175.9500,
-27.5833, 27.2309


 203.4340,
-28.3150, 28.5604


 228.6290,


-27.4251, 23.1274


 248.1430,
-23.7345, 6.0136


 49.7040, -24.5041,
19.5536

 51.6760, -22.0253,
17.8241

 54.2350, -19.8359,
15.5799

 56.3210, -16.9203,
13.7505

 58.8800, -14.7308,
11.5062

 60.8520, -12.2520,
9.7768

■ 62.8240, -9.7732,
8.0474

■ 65.3830, -7.5838,
5.8031

■ 67.4690, -4.6682,
3.9737

■ 70.0280, -2.4788,
1.7294

Harmonies

Analogous

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



50.3710, -15.9589, 32.1236



49.7040, -24.5041, 19.5536



48.1210, -23.7237, 2.5249

Triad

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



49.7040, -24.5041, 19.5536



44.5050, 10.5970, -39.0309



54.2850, 14.6495, 14.6591

Complementary

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



49.7040, -24.5041, 19.5536



22.2960, 24.5041, -19.5536

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.



50.2750, 23.0354, -15.1502



49.7040, -24.5041, 19.5536



46.3120, 20.0592, -40.6156

Square

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



49.7040, -24.5041, 19.5536



41.7690, 0.1139, -36.6314



45.2180, 26.0215, -39.6562



52.2890, 5.2805, 33.0725

Rectangle

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



49.7040, -24.5041, 19.5536



45.8680, -16.6969, -11.2852



45.2180, 26.0215, -39.6562



53.7400, 17.8762, 6.3670

Sweetspot

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



49.7040, -24.5041, 19.5536



85.5250, -9.6258, 7.4326



24.2640, -0.1302, 41.8645



43.1270, -5.9786, 4.2736



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



49.7040, -24.5041, 19.5536



65.0870, -32.0879, 25.3567



60.2040, -29.6806, -0.1789



34.9570, -1.4578, 0.9147



68.3430, -33.6931, 26.8862



156.5100, -77.1594, 61.8197

Inverse Universe

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



22.2960, 24.5041, -19.5536



28.9130, 32.0879, -25.3567



11.7960, 29.6806, 0.1789



33.0430, 1.4578, -0.9147



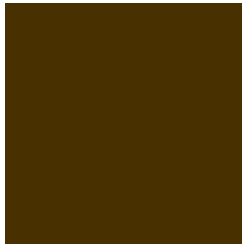
30.6570, 33.6931, -26.8862



70.4900, 77.1594, -61.8197

Previews

White Background



This preview shows how the YUV color 49.7040, -24.5041, 19.5536 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 49.7040, -24.5041, 19.5536 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 49.7040, -24.5041, 19.5536

Background



This preview shows how black text looks on a background with the YUV color 49.7040, -24.5041, 19.5536.



This preview shows how white text looks on a background with the YUV color 49.7040, -24.5041,

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



Protanopia

49.6210, -21.9982, 9.1024

Deuteranopia

49.3830, -24.3458, 15.4501

Tritanopia

54.0130, -2.9644, 17.5286

Trichromacy



Protanomaly

49.4150, -22.8826, 12.7910

Deuteranomaly

49.3940, -24.3512, 17.1945

Tritanomaly

52.3630, -10.5320, 18.0986

Monochromacy



Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.7530, -8.7522, 7.2326

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.7040, -24.5041, 19.5536 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(72, 48, 0)` looks like.

```
.text, #text, p{  
    color:rgb(72, 48, 0)  
}
```

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(72, 48, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 48, 0) }
```

Border

The CSS property to change the border of an element to YUV 49.7040, -24.5041, 19.5536 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(72, 48, 0) }
```

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

```
.border{ border-color:rgb(72, 48, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 48, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 48, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(72, 48, 0); box-shadow:4px  
4px 4px 4px rgb(72, 48, 0) }
```


Background

The CSS property to change the background color of an element to YUV 49.7040, -24.5041, 19.5536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 48, 0) }
```

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

```
.background{ background-color: rgb(72, 48,  
0) }
```

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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