

Converting Colors

YUV(49.7230, 26.7586,
-42.7301)

Have a look what the booklet for
YUV(49.7230, 26.7586, -42.7301)
contains.

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Color

**YUV(49.7230, 26.7586,
-42.7301)**

Conversions

Conversions Part 1

Format	Color
Hex	014068
RGB	1, 64, 104
RGB Percent	0%, 25%, 41%
CMY	0.9961, 0.7490, 0.5922
CMYK	0.99, 0.38, 0.00, 0.59
HSL	203°, 98%, 21%
HSV	203°, 99%, 41%
XYZ	4.3446, 4.6727, 13.7696
YIQ	49.7230, -50.3880, -0.9160

Conversions

Conversions Part 2

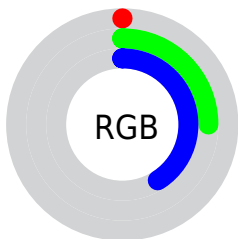
Format	Color
R_YB	1, 40, 104
Decimal	82024
CIE _{Lab}	25.78, -1.32, -28.35
CIE _{LCh}	26, 28.382, 267.342
Yxy	4.6727, 0.1907, 0.2051
Android (android.graphics.Color)	4278272104 (0xFF014068)
YUV	49.7230, 26.7586, -42.7301
Hunter-Lab	21.6165, -1.9529, -22.6360

Details

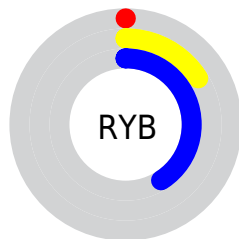
The YUV color **49.7230, 26.7586, -42.7301** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **55.2770, -26.7586, 42.7301**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.4580, 25.4102, -30.2197**, and **19.2980, 18.0941, -16.9243** is the 20% darker color. If you saturate the color by 10%, you get **49.4240, 26.9060, -43.3448**, and if you desaturate by 10%, it is **55.0610, 24.1269, -38.6415**.

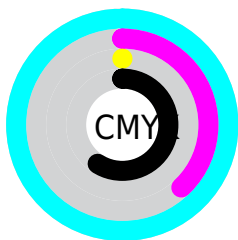
Distribution



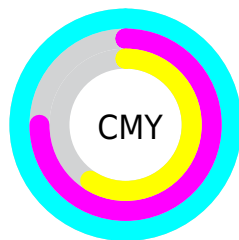
- Red (0%)
- Green (25%)
- Blue (41%)



- Red (0%)
- Yellow (16%)
- Blue (41%)



- Cyan (99%)
- Magenta (38%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (75%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.7230, 26.7586, -42.7301 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 49.7230, 26.7586, -42.7301 by changing the saturation by 10% instead.

■ 49.7230, 26.7586,
-42.7301

■ 49.7230, 26.7586,
-42.7301

■ 255.0000, 0.0000,
0.0000

■ 33.7740, 22.7894,
-29.6198

■ 103.4580, 25.4102,
-30.2197

■ 19.2980, 18.0941,
-16.9243

■ 129.8710, 25.6996,
-29.7049

■ 5.1640, 14.7091,
-4.5288

■ 156.3980, 26.4258,
-29.2900

■ 1.0260, 3.9312,
-0.8998

■ 183.9250, 27.1520,
-28.8752

■ 0.0000, 0.0000,
0.0000

■ 210.5570, 21.9104,
-27.6755

■ 235.3650, 9.6801,

-24.8761

■ 249.3190, 2.8007,
-11.6808

■ 49.7230, 26.7586,
-42.7301

■ 49.7230, 26.7586,
-42.7301

■ 49.4240, 26.9060,
-43.3448

■ 55.0610, 24.1269,
-38.6415

■ 60.6980, 21.3479,
-33.9381

■ 66.0360, 18.7163,
-29.8496

■ 71.6730, 15.9372,
-25.1462

■ 77.0110, 13.3056,
-21.0576

■ 82.3490, 10.6739,
-16.9691

■ 87.9860, 7.8949,
-12.2657

■ 93.3240, 5.2633,
-8.1771

■ 98.9610, 2.4842,
-3.4738

Harmonies

Analogous

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



51.5610, 22.4014, -45.2190



49.7230, 26.7586, -42.7301



61.7990, 18.3401, -2.4547

Triad

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



49.7230, 26.7586, -42.7301



60.6300, -8.6916, 34.5275



52.7830, -7.7810, -24.3657

Complementary

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



49.7230, 26.7586, -42.7301



55.2770, -26.7586, 42.7301

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.



56.8690, -18.1764, -3.3931



49.7230, 26.7586, -42.7301



59.9960, -17.2530, 27.1905

Square

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



49.7230, 26.7586, -42.7301



61.5510, 1.2074, 32.8428



58.8820, -21.1408, 14.1355



48.8760, 4.4981, -42.8643

Rectangle

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



49.7230, 26.7586, -42.7301



62.9320, 13.3445, 13.2146



58.8820, -21.1408, 14.1355



54.8010, -11.7339, -16.4885

Sweetspot

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



49.7230, 26.7586, -42.7301



113.6480, 10.5265, -16.3543



65.9070, -12.7722, -56.9234



55.6550, 6.5791, -10.2214



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



49.7230, 26.7586, -42.7301



64.1110, 34.9483, -56.2253



19.7860, 41.5175, -16.4753



48.3310, 1.3158, -2.0443



54.2000, 29.9744, -47.5334



114.4640, 62.8752, -100.3849

Inverse Universe

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



38.9790, 12.3354, 57.0234



49.8270, 16.3543, 74.6967



85.2140, -41.5175, 16.4753



47.8370, 0.5734, 2.7740



42.3650, 13.6241, 63.7009



89.2300, 28.9736, 133.9793

Previews

White Background



This preview shows how the YUV color 49.7230, 26.7586, -42.7301 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 49.7230, 26.7586, -42.7301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

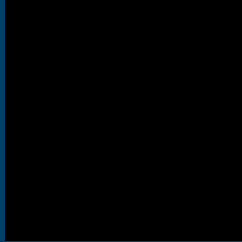
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.7230, 26.7586, -42.7301

Background



This preview shows how black text looks on a background with the YUV color 49.7230, 26.7586, -42.7301.



This preview shows how white text looks on a background with the YUV color 49.7230, 26.7586, -42.7301.

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

49.7230, 26.7586, -42.7301

Protanopia

60.0750, 19.6830, -13.2208

Deuteranopia

57.2200, 23.0625, -23.8719



Tritanopia

48.2380, 12.2077, -42.3047

Trichromacy



Original Color

49.7230, 26.7586, -42.7301

Protanomaly

55.9920, 22.1889, -23.6720

Deuteranomaly

54.5180, 24.3946, -31.1493

Tritanomaly

48.9050, 17.3018, -42.8897

Monochromacy



Original Color

49.7230, 26.7586, -42.7301

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.8330, 9.9423, -15.6395

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.7230, 26.7586, -42.7301 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(1, 64, 104)` looks like.

```
.text, #text, p{  
    color:rgb(1, 64, 104)  
}
```

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(1, 64, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 64, 104) }
```

Border

The CSS property to change the border of an element to YUV 49.7230, 26.7586, -42.7301 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(1, 64, 104) }
```


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

```
.border{ border-color:rgb(1, 64, 104) }
```

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

Here you see how a box with a 4 pixel rgb(1, 64, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 64, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 64, 104);  
box-shadow:4px 4px 4px 4px rgb(1, 64, 104)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.7230, 26.7586, -42.7301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 64, 104) }
```

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

```
.background{ background-color: rgb(1, 64,  
104) }
```

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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