

Converting Colors

YUV(64.7070, 24.3014,
-47.9780)

Have a look what the booklet for
YUV(64.7070, 24.3014, -47.9780)
contains.

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Color

**YUV(64.7070, 24.3014,
-47.9780)**

Conversions

Conversions Part 1

Format	Color
Hex	0A5372
RGB	10, 83, 114
RGB Percent	4%, 33%, 45%
CMY	0.9608, 0.6745, 0.5529
CMYK	0.91, 0.27, 0.00, 0.55
HSL	198°, 84%, 24%
HSV	198°, 91%, 45%
XYZ	6.2557, 7.4659, 17.0310
YIQ	64.7070, -53.4590, -5.8350

Conversions

Conversions Part 2

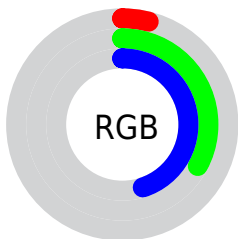
Format	Color
RYB	10, 53, 114
Decimal	676722
CIELab	32.84, -8.66, -23.54
CIELCh	33, 25.088, 249.798
Yxy	7.4659, 0.2034, 0.2428
Android (android.graphics.Color)	4278866802 (0xFF0A5372)
YUV	64.7070, 24.3014, -47.9780
Hunter-Lab	27.3239, -6.9499, -17.8287

Details

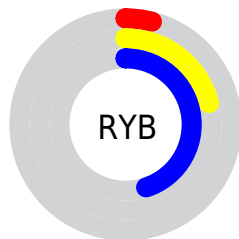
The YUV color **64.7070, 24.3014, -47.9780** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **59.2930, -24.3014, 47.9780**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.1320, 23.1059, -37.8268**, and **29.8300, 17.8318, -26.1609** is the 20% darker color. If you saturate the color by 10%, you get **59.9560, 26.6437, -52.5814**, and if you desaturate by 10%, it is **69.7570, 21.8118, -42.7599**.

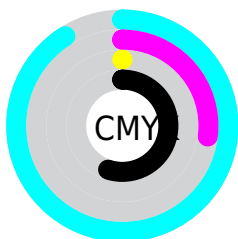
Distribution



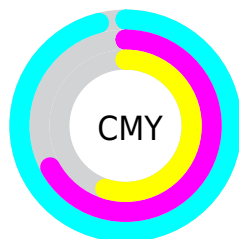
- Red (4%)
- Green (33%)
- Blue (45%)



- Red (4%)
- Yellow (21%)
- Blue (45%)



- Cyan (91%)
- Magenta (27%)
- Yellow (0%)
- Black (55%)



- Cyan (96%)
- Magenta (67%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.7070, 24.3014, -47.9780 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 64.7070, 24.3014, -47.9780 by changing the saturation by 10% instead.

■ 64.7070, 24.3014,
-47.9780

■ 64.7070, 24.3014,
-47.9780

■ 255.0000, 0.0000,
0.0000

■ 45.3660, 21.5116,
-39.7860

■ 119.1320, 23.1059,
-37.8268

■ 29.8300, 17.8318,
-26.1609

■ 146.4310, 22.9585,
-37.2120

■ 15.5820, 14.0101,
-13.6654

■ 172.9580, 23.6847,
-36.7972

■ 3.0950, 9.3202,
-2.7143

■ 201.0720, 24.1215,
-36.8971

■ 0.0000, 0.0000,
0.0000

■ 226.4500, 14.0752,
-34.5976

■ 243.3390, 5.7489,

-23.9763

252.0100, 1.4741,
-6.1478

64.7070, 24.3014,
-47.9780

64.7070, 24.3014,
-47.9780

59.9560, 26.6437,
-52.5814

69.7570, 21.8118,
-42.7599

75.6930, 18.8854,
-37.4418

80.7430, 16.3957,
-32.2236

86.6790, 13.4693,
-26.9055

91.7290, 10.9796,
-21.6873

■ 96.7790, 8.4900,
-16.4692

■ 102.7150, 5.5635,
-11.1511

■ 107.7650, 3.0739,
-5.9329

■ 113.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



62.6970, 19.3764, -54.9853



64.7070, 24.3014, -47.9780



75.7650, 19.8359, -15.5799

Triad

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



64.7070, 24.3014, -47.9780



78.2860, -3.5920, 32.1982



72.5030, -13.0660, -9.2111

Complementary

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



64.7070, 24.3014, -47.9780



59.2930, -24.3014, 47.9780

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.



74.8210, -18.6458, 7.1730



64.7070, 24.3014, -47.9780



77.6850, -12.1697, 30.0943

Square

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



64.7070, 24.3014, -47.9780



79.3480, 5.7444, 24.2508



76.4360, -17.9629, 21.5426



68.7160, -2.8180, -29.5689

Rectangle

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



64.7070, 24.3014, -47.9780



78.6530, 16.4401, 0.3043



76.4360, -17.9629, 21.5426



73.5530, -15.5556, -3.9930

Sweetspot

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



64.7070, 24.3014, -47.9780



128.9960, 9.3690, -18.4135



74.3540, -17.4295, -56.4385



62.7150, 5.5635, -11.1511



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.



64.7070, 24.3014, -47.9780



77.9200, 34.5494, -68.3358



35.3570, 38.7710, -22.2381



53.0320, 1.4632, -2.6591



62.9880, 28.1069, -55.2405



130.2960, 57.5351, -114.2696

Inverse Universe

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



49.4180, 16.5559, 56.6384



56.1080, 23.6108, 80.5893



88.6430, -38.7710, 22.2381



52.2500, 0.8628, 3.2888



45.4560, 19.0022, 65.3751



93.6890, 39.5933, 134.4537

Previews

White Background



This preview shows how the YUV color 64.7070, 24.3014, -47.9780 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 64.7070, 24.3014, -47.9780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

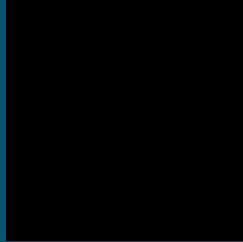
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.7070, 24.3014, -47.9780

Background



This preview shows how black text looks on a background with the YUV color 64.7070, 24.3014, -47.9780.



This preview shows how white text looks on a background with the YUV color 64.7070, 24.3014,

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

64.7070, 24.3014, -47.9780

Protanopia

76.9570, 15.3042, -8.7323

Deuteranopia

76.2490, 19.1042, -14.2504



Tritanopia

60.9700, 15.2978, -53.4707

Trichromacy



Original Color

64.7070, 24.3014, -47.9780

Protanomaly

72.6670, 18.4052, -23.3870

Deuteranomaly

72.0410, 21.1788, -26.3460

Tritanomaly

62.4910, 18.4919, -51.2966

Monochromacy



Original Color

64.7070, 24.3014, -47.9780

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.1810, 8.7848, -17.6987

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.7070, 24.3014, -47.9780 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(10, 83, 114)` looks like.

```
.text, #text, p{  
    color:rgb(10, 83, 114)  
}
```

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(10, 83, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 83, 114) }
```

Border

The CSS property to change the border of an element to YUV 64.7070, 24.3014, -47.9780 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(10, 83, 114) }
```


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

```
.border{ border-color:rgb(10, 83, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 83, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 83, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 83, 114);  
box-shadow:4px 4px 4px 4px rgb(10, 83,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 64.7070, 24.3014, -47.9780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 83, 114) }
```

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

```
.background{ background-color: rgb(10, 83,  
114) }
```

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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