

Converting Colors

YUV(98.5840, 4.1491, -24.1912)

Have a look what the booklet for
YUV(98.5840, 4.1491, -24.1912)
contains.

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Color

**YUV(98.5840, 4.1491,
-24.1912)**

Conversions

Conversions Part 1

Format	Color
Hex	476F6B
RGB	71, 111, 107
RGB Percent	28%, 44%, 42%
CMY	0.7216, 0.5647, 0.5804
CMYK	0.36, 0.00, 0.04, 0.56
HSL	174°, 22%, 36%
HSV	174°, 36%, 44%
XYZ	10.9368, 13.7700, 15.9914
YIQ	98.5840, -22.5560, -9.7240

Conversions

Conversions Part 2

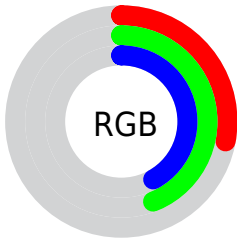
Format	Color
R_{YB}	71, 92, 111
Decimal	4681579
CIE Lab	43.90, -15.00, -2.24
CIE LCh	44, 15.167, 188.504
Yxy	13.7700, 0.2687, 0.3383
Android (android.graphics.Color)	4282871659 (0xFF476F6B)
YUV	98.5840, 4.1491, -24.1912
Hunter-Lab	37.1080, -12.3297, 0.4250

Details

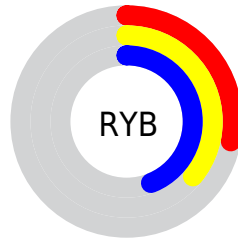
The YUV color **98.5840, 4.1491, -24.1912** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **83.4160, -4.1491, 24.1912**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.8720, 4.0071, -25.3207**, and **50.6980, 4.5859, -24.2911** is the 20% darker color. If you saturate the color by 10%, you get **95.1810, 5.3338, -30.8537**, and if you desaturate by 10%, it is **101.9870, 2.9644, -17.5286**.

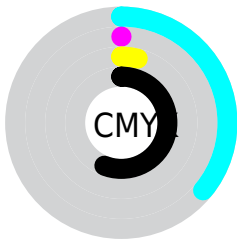
Distribution



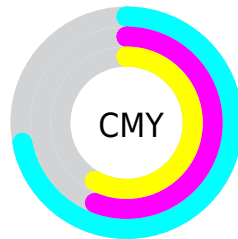
- Red (28%)
- Green (44%)
- Blue (42%)



- Red (28%)
- Yellow (36%)
- Blue (44%)



- Cyan (36%)
- Magenta (0%)
- Yellow (4%)
- Black (56%)



- Cyan (72%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.5840, 4.1491, -24.1912 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 98.5840, 4.1491, -24.1912 by changing the saturation by 10% instead.

■ 98.5840, 4.1491,
-24.1912

■ 98.5840, 4.1491,
-24.1912

■ 255.0000, 0.0000,
0.0000

■ 74.5840, 4.1491,
-24.1912

■ 149.8720, 4.0071,
-25.3207

■ 50.6980, 4.5859,
-24.2911

■ 176.8720, 4.0071,
-25.3207

■ 28.3990, 4.7333,
-24.9059

■ 204.5730, 4.1545,
-25.9355

■ 14.8520, 1.0590,
-13.0252

■ 232.2740, 4.3019,
-26.5503

■ 0.0000, 0.0000,
0.0000

■ 247.8240, 3.5378,
-14.7546

■ 98.5840, 4.1491,
-24.1912

■ 98.5840, 4.1491,
-24.1912

■ 95.1810, 5.3338,
-30.8537

■ 101.9870, 2.9644,
-17.5286

■ 91.7780, 6.5184,
-37.5163

■ 105.3900, 1.7797,
-10.8660

■ 88.3750, 7.7031,
-44.1789

■ 108.7930, 0.5951,
-4.2035

■ 84.9720, 8.8878,
-50.8414

■ 112.1960, -0.5896,
2.4591

■ 81.4550, 9.6357,
-57.4040

■ 115.7130, -1.3375,
9.0217

■ 77.7530, 10.9678,
-64.6814

■ 119.4150, -2.6696,
16.2990

■ 76.5570, 11.5574,
-67.1405

■ 122.8180, -3.8543,
22.9616

■ 126.2210, -5.0390,

29.6242

■ 129.6240, -6.2236,
36.2868

Harmonies

Analogous

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



99.5050, -2.7140, -16.2289



98.5840, 4.1491, -24.1912



98.7670, 9.9749, -26.1057

Triad

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



98.5840, 4.1491, -24.1912



105.0250, 8.8617, 4.3631



104.1130, -11.3947, 14.8099

Complementary

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



98.5840, 4.1491, -24.1912



83.4160, -4.1491, 24.1912

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.



104.7700, -7.7746, 20.3727



98.5840, 4.1491, -24.1912



106.0110, 3.4456, 14.8994

Square

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



98.5840, 4.1491, -24.1912



103.7460, 11.9572, -8.5472



105.8500, -2.3910, 20.3026



102.9440, -11.8044, 6.1881

Rectangle

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



98.5840, 4.1491, -24.1912



100.3590, 12.1480, -23.1168



105.8500, -2.3910, 20.3026



104.6510, -10.6739, 16.9691

Sweetspot

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



98.5840, 4.1491, -24.1912



140.1020, 1.9217, -9.7365



95.6760, -12.1653, -18.1329



70.8960, 1.0373, -6.0478



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.



98.5840, 4.1491, -24.1912



125.7780, 6.5184, -37.5163



89.6480, 10.5265, -16.3543



54.2060, 0.8844, -3.6887



82.7520, 12.4473, -72.5735



170.4110, 25.9264, -149.4504

Inverse Universe

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



83.4160, -4.1491, 24.1912



102.2220, -6.5184, 37.5163



92.3520, -10.5265, 16.3543



51.9080, -0.4476, 3.5887



37.2480, -12.4473, 72.5735



76.7030, -25.4896, 149.3505

Previews

White Background



This preview shows how the YUV color 98.5840, 4.1491, -24.1912 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 × Fail

Black Background



This preview shows how the YUV color 98.5840, 4.1491, -24.1912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

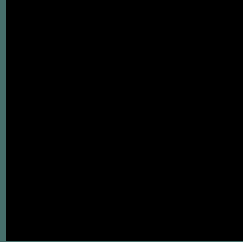
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.5840, 4.1491, -24.1912

Background



This preview shows how black text looks on a background with the YUV color 98.5840, 4.1491, -24.1912.



This preview shows how white text looks on a background with the YUV color 98.5840, 4.1491, -24.1912.

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

98.5840, 4.1491, -24.1912

Protanopia

103.4840, -0.7316, 1.3295

Deuteranopia

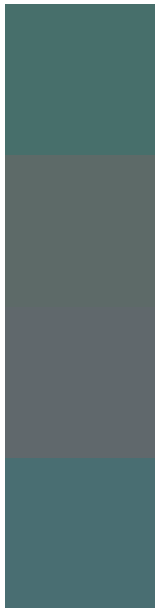
104.3150, 2.3097, 5.8627



Tritanopia

99.5610, 9.0904, -22.4170

Trichromacy



Original Color

98.5840, 4.1491, -24.1912

Protanomaly

101.8850, 1.0427, -7.7921

Deuteranomaly

102.0640, 2.9264, -5.3181

Tritanomaly

99.3930, 7.2013, -23.1467

Monochromacy



Original Color

98.5840, 4.1491, -24.1912

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.7000, 1.6269, -8.5069

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.5840, 4.1491, -24.1912 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(71, 111, 107)` looks like.

```
.text, #text, p{  
    color:rgb(71, 111, 107)  
}
```

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(71, 111, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 111, 107) }
```

Border

The CSS property to change the border of an element to YUV 98.5840, 4.1491, -24.1912 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(71, 111, 107) }
```


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

```
.border{ border-color:rgb(71, 111, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 111, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 111, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 111, 107);  
box-shadow:4px 4px 4px 4px rgb(71, 111,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 98.5840, 4.1491, -24.1912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 111, 107) }
```

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

```
.background{ background-color: rgb(71, 111,  
107) }
```

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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