

Converting Colors

YUV(98.8040, 0.5896, -2.4591)

Have a look what the booklet for
YUV(98.8040, 0.5896, -2.4591)
contains.

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Color

**YUV(98.8040, 0.5896,
-2.4591)**

Conversions

Conversions Part 1

Format	Color
Hex	606464
RGB	96, 100, 100
RGB Percent	38%, 39%, 39%
CMY	0.6235, 0.6078, 0.6078
CMYK	0.04, 0.00, 0.00, 0.61
HSL	180°, 2%, 38%
HSV	180°, 4%, 39%
XYZ	11.6813, 12.5212, 13.8578
YIQ	98.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

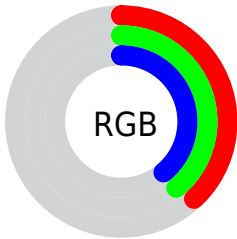
Format	Color
R_{YB}	96, 98, 100
Decimal	6317156
CIE _{Lab}	42.03, -1.55, -0.55
CIE _{LCh}	42, 1.643, 199.401
Yxy	12.5212, 0.3069, 0.3290
Android (android.graphics.Color)	4284507236 (0xFF606464)
YUV	98.8040, 0.5896, -2.4591
Hunter-Lab	35.3854, -2.9986, 1.5504

Details

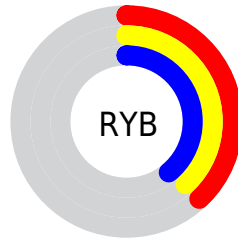
The YUV color **98.8040, 0.5896, -2.4591** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **97.1960, -0.5896, 2.4591**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.5050, 0.7370, -3.0739**, and **52.1030, 0.4422, -1.8443** is the 20% darker color. If you saturate the color by 10%, you get **95.8140, 2.0637, -8.6069**, and if you desaturate by 10%, it is **101.7940, -0.8844, 3.6887**.

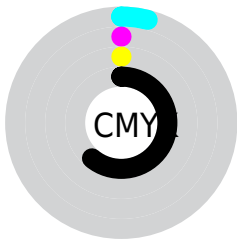
Distribution



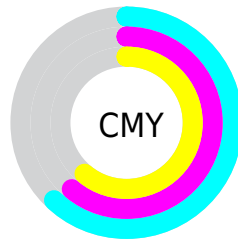
- Red (38%)
- Green (39%)
- Blue (39%)



- Red (38%)
- Yellow (38%)
- Blue (39%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (61%)



- Cyan (62%)
- Magenta (61%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.8040, 0.5896, -2.4591 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 98.8040, 0.5896, -2.4591 by changing the saturation by 10% instead.

■ 98.8040, 0.5896,
-2.4591

■ 98.8040, 0.5896,
-2.4591

255.0000, 0.0000,
0.0000

■ 74.8040, 0.5896,
-2.4591

■ 149.5050, 0.7370,
-3.0739

■ 52.1030, 0.4422,
-1.8443

■ 175.8040, 0.5896,
-2.4591

■ 31.1030, 0.4422,
-1.8443

■ 203.5050, 0.7370,
-3.0739

■ 7.2060, 0.8844,
-3.6887

■ 231.5050, 0.7370,
-3.0739

■ 0.0000, 0.0000,
0.0000

■ 98.8040, 0.5896,

■ 98.8040, 0.5896,

-2.4591

-2.4591

■ 95.8140, 2.0637,
-8.6069

■ 101.7940, -0.8844,
3.6887

■ 92.8240, 3.5378,
-14.7546

■ 104.7840, -2.3585,
9.8364

■ 89.8340, 5.0118,
-20.9024

■ 107.7740, -3.8326,
15.9842

■ 86.8440, 6.4859,
-27.0502

■ 110.7640, -5.3067,
22.1320

■ 83.8540, 7.9600,
-33.1980

■ 113.7540, -6.7807,
28.2797

■ 80.8640, 9.4340,
-39.3457

■ 116.7440, -8.2548,
34.4275

■ 77.8740, 10.9081,
-45.4935

■ 119.7340, -9.7289,
40.5753

■ 74.8840, 12.3822,
-51.6413

■ 122.7240,
-11.2029, 46.7231

■ 71.8940, 13.8563,
-57.7890

■ 125.7140,
-12.6770, 52.8708

Harmonies

Analogous

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



98.9890, 0.0054, -1.7444



98.8040, 0.5896, -2.4591



98.9180, 1.0264, -2.5591

Triad

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



98.8040, 0.5896, -2.4591



99.8260, 0.5788, 1.0296



99.3700, -1.1684, 1.4295

Complementary

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



98.8040, 0.5896, -2.4591



97.1960, -0.5896, 2.4591

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.



99.6690, -1.3158, 2.0443



98.8040, 0.5896, -2.4591



99.4240, 0.2840, 2.2592

Square

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



98.8040, 0.5896, -2.4591



99.3420, 1.3104, -0.2999



99.1960, -0.5896, 2.4591



98.7720, -0.8736, 0.2000

Rectangle

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



98.8040, 0.5896, -2.4591



99.3310, 1.3158, -2.0443



99.1960, -0.5896, 2.4591



99.3700, -1.1684, 1.4295

Sweetspot

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



98.8040, 0.5896, -2.4591



129.7010, 0.1474, -0.6148



98.3480, -1.1576, -2.0592



66.0000, 0.0000, 0.0000



194.0000, 0.0000, 0.0000

Same Dimension

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



98.8040, 0.5896, -2.4591



128.2060, 0.8844, -3.6887



97.6300, 1.1684, -1.4295



50.1030, 0.4422, -1.8443



80.6150, 16.9518, -70.6994



169.6420, 35.6725, -148.7760

Inverse Universe

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



97.6520, 1.1576, 2.0592



126.4780, 1.7363, 3.0888



98.3700, -1.1684, 1.4295



49.2390, 0.8682, 1.5444



47.4950, 33.2800, 59.2019



99.9460, 70.0326, 124.5814

Previews

White Background



This preview shows how the YUV color 98.8040, 0.5896, -2.4591 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 98.8040, 0.5896, -2.4591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

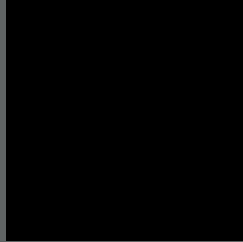
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.8040, 0.5896, -2.4591

Background



This preview shows how black text looks on a background with the YUV color 98.8040, 0.5896, -2.4591.



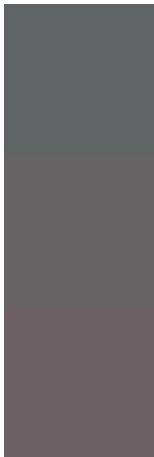
This preview shows how white text looks on a background with the YUV color 98.8040, 0.5896, -2.4591.

-2.4591.

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

98.8040, 0.5896, -2.4591

Protanopia

99.5980, -0.2948, 1.2296

Deuteranopia

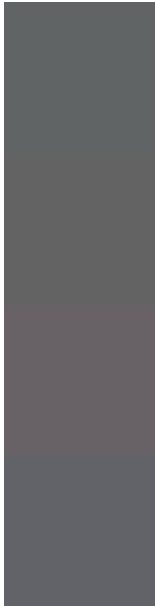
100.1580, 0.4151, 6.8774



Tritanopia

99.3140, 3.7892, -2.0294

Trichromacy



Original Color

98.8040, 0.5896, -2.4591

Protanomaly

99.0000, 0.0000, 0.0000

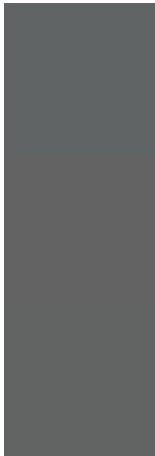
Deuteranomaly

99.5490, 0.7153, 3.9035

Tritanomaly

98.9720, 2.4788, -1.7294

Monochromacy



Original Color

98.8040, 0.5896, -2.4591

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.7010, 0.1474, -0.6148

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.8040, 0.5896, -2.4591 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(96, 100, 100)` looks like.

```
.text, #text, p{  
    color:rgb(96, 100, 100)  
}
```

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(96, 100, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 100, 100) }
```

Border

The CSS property to change the border of an element to YUV 98.8040, 0.5896, -2.4591 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(96, 100, 100) }
```

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

```
.border{ border-color:rgb(96, 100, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 100, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 100, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 100, 100);  
box-shadow:4px 4px 4px 4px rgb(96, 100,  
100) }
```


Background

The CSS property to change the background color of an element to YUV 98.8040, 0.5896, -2.4591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 100, 100) }
```

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

```
.background{ background-color: rgb(96, 100,  
100) }
```

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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