

Converting Colors

YUV(98.6960, -2.3151, -4.1184)

Have a look what the booklet for
YUV(98.6960, -2.3151, -4.1184)
contains.

YUV(98.6960, -2.3151, -4.1184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(98.6960, -2.3151,
-4.1184)**

Conversions

Conversions Part 1

Format	Color
Hex	5E665E
RGB	94, 102, 94
RGB Percent	37%, 40%, 37%
CMY	0.6314, 0.6000, 0.6314
CMYK	0.08, 0.00, 0.08, 0.60
HSL	120°, 4%, 38%
HSV	120°, 8%, 40%
XYZ	11.3878, 12.6906, 12.4390
YIQ	98.6960, -2.2000, -4.1840

Conversions

Conversions Part 2

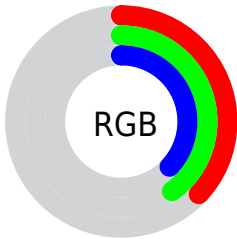
Format	Color
R_{YB}	94, 102, 102
Decimal	6186590
CIE Lab	42.29, -4.77, 3.46
CIE LCh	42, 5.894, 144.044
Yxy	12.6906, 0.3118, 0.3475
Android (android.graphics.Color)	4284376670 (0xFF5E665E)
YUV	98.6960, -2.3151, -4.1184
Hunter-Lab	35.6238, -5.2808, 4.2340

Details

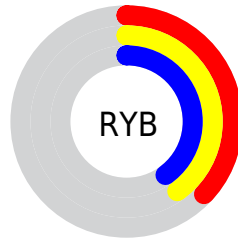
The YUV color **98.6960, -2.3151, -4.1184** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **97.3040, 2.3151, 4.1184**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.2830, -2.6045, -4.6332**, and **52.1090, -2.0257, -3.6036** is the 20% darker color. If you saturate the color by 10%, you get **94.5660, -5.2090, -9.2664**, and if you desaturate by 10%, it is **102.8260, 0.5788, 1.0296**.

Distribution



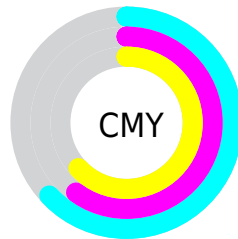
- Red (37%)
- Green (40%)
- Blue (37%)



- Red (37%)
- Yellow (40%)
- Blue (40%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (60%)



- Cyan (63%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.6960, -2.3151, -4.1184 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 98.6960, -2.3151, -4.1184 by changing the saturation by 10% instead.

■ 98.6960, -2.3151,
-4.1184

■ 98.6960, -2.3151,
-4.1184

255.0000, 0.0000,
0.0000

■ 74.6960, -2.3151,
-4.1184

■ 149.2830, -2.6045,
-4.6332

■ 52.1090, -2.0257,
-3.6036

■ 176.2830, -2.6045,
-4.6332

■ 31.1090, -2.0257,
-3.6036

■ 203.2830, -2.6045,
-4.6332

■ 7.0440, -3.4727,
-6.1776

■ 231.2830, -2.6045,
-4.6332

■ 0.0000, 0.0000,
0.0000

■ 98.6960, -2.3151,

■ 98.6960, -2.3151,

-4.1184

-4.1184

■ 94.5660, -5.2090,
-9.2664

■ 102.8260, 0.5788,
1.0296

■ 90.4360, -8.1029,
-14.4144

■ 106.9560, 3.4727,
6.1776

■ 85.8930, -11.2862,
-20.0772

■ 111.4990, 6.6560,
11.8404

■ 81.7630, -14.1802,
-25.2252

■ 115.6290, 9.5499,
16.9884

■ 77.6330, -17.0741,
-30.3731

■ 119.7590, 12.4438,
22.1364

■ 73.5030, -19.9680,
-35.5211

■ 123.8890, 15.3377,
27.2843

■ 69.3730, -22.8619,
-40.6691

■ 128.0190, 18.2316,
32.4323

■ 64.8300, -26.0452,
-46.3319

■ 132.5620, 21.4149,
38.0951

■ 60.7000, -28.9391,
-51.4799

■ 136.6920, 24.3088,
43.2431

Harmonies

Analogous

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



99.5610, -4.2206, 0.3850



98.6960, -2.3151, -4.1184



98.6570, 0.1691, -7.5922

Triad

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



98.6960, -2.3151, -4.1184



99.8190, 4.5262, -5.1033



100.7730, -2.3531, 8.0921

Complementary

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



98.6960, -2.3151, -4.1184



97.3040, 2.3151, 4.1184

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.



101.0440, -0.0217, 6.9774



98.6960, -2.3151, -4.1184



100.4390, 4.2206, -0.3850

Square

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



98.6960, -2.3151, -4.1184



98.6830, 4.1003, -8.4920



100.4180, 2.7519, 4.0184



100.6050, -4.2423, 7.3624

Rectangle

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



98.6960, -2.3151, -4.1184



98.4010, 1.7743, -9.1217



100.4180, 2.7519, 4.0184



101.0010, -1.4795, 7.8921

Sweetspot

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



98.6960, -2.3151, -4.1184



131.7610, -0.8682, -1.5444



101.0880, -3.4944, 0.7998



65.5870, -0.2894, -0.5148



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



98.6960, -2.3151, -4.1184



128.0440, -3.4727, -6.1776



99.1520, -0.5679, -4.5183



48.9350, -1.4470, -2.5740



67.5050, -33.2800, -59.2019



142.0540, -70.0326, -124.5814

Inverse Universe

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



97.3040, 2.3151, 4.1184



125.9560, 3.4727, 6.1776



96.8480, 0.5679, 4.5183



48.0650, 1.4470, 2.5740



47.4950, 33.2800, 59.2019



99.9460, 70.0326, 124.5814

Previews

White Background



This preview shows how the YUV color 98.6960, -2.3151, -4.1184 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 98.6960, -2.3151, -4.1184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

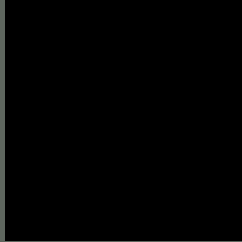
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.6960, -2.3151, -4.1184

Background



This preview shows how black text looks on a background with the YUV color 98.6960, -2.3151, -4.1184.



This preview shows how white text looks on a background with the YUV color 98.6960, -2.3151,

-4.1184.

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

98.6960, -2.3151, -4.1184

Protanopia

99.5120, -3.2104, 3.0590

Deuteranopia

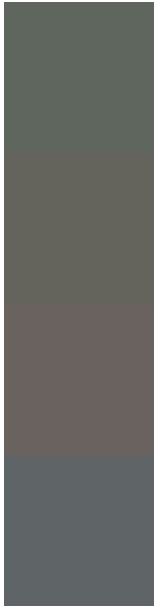
100.3710, -2.6479, 9.3216



Tritanopia

99.7160, 4.0840, -3.2589

Trichromacy



Original Color

98.6960, -2.3151, -4.1184

Protanomaly

99.2020, -3.0576, 0.6998

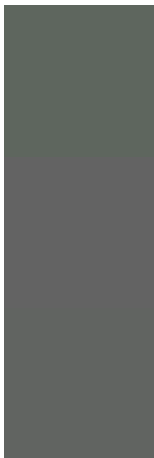
Deuteranomaly

99.7510, -2.3422, 4.6034

Tritanomaly

99.4340, 1.7580, -3.8886

Monochromacy



Original Color

98.6960, -2.3151, -4.1184

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.7610, -0.8682, -1.5444

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.6960, -2.3151, -4.1184 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(94, 102, 94)` looks like.

```
.text, #text, p{  
    color:rgb(94, 102, 94)  
}
```

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(94, 102, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 102, 94) }
```

Border

The CSS property to change the border of an element to YUV 98.6960, -2.3151, -4.1184 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(94, 102, 94) }
```


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

```
.border{ border-color:rgb(94, 102, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 102, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 102, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 102, 94);  
box-shadow:4px 4px 4px 4px rgb(94, 102,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 98.6960, -2.3151, -4.1184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 102, 94) }
```

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

```
.background{ background-color: rgb(94, 102,  
94) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor