

Converting Colors

YUV(101.9590, -7.8678, 3.5440)

Have a look what the booklet for
YUV(101.9590, -7.8678, 3.5440)
contains.

YUV(101.9590, -7.8678, 3.5440)	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(101.9590, -7.8678,
3.5440)**

Conversions

Conversions Part 1

Format	Color
Hex	6A6756
RGB	106, 103, 86
RGB Percent	42%, 40%, 34%
CMY	0.5843, 0.5961, 0.6627
CMYK	0.00, 0.03, 0.19, 0.58
HSL	51°, 10%, 38%
HSV	51°, 19%, 42%
XYZ	12.4738, 13.4366, 10.7402
YIQ	101.9590, 7.2450, -4.6510

Conversions

Conversions Part 2

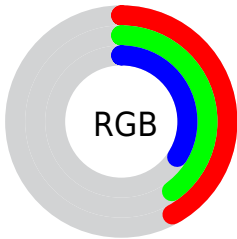
Format	Color
RYB	90, 106, 86
Decimal	6973270
CIELab	43.41, -2.00, 10.03
CIELCh	43, 10.227, 101.291
Yxy	13.4366, 0.3403, 0.3666
Android (android.graphics.Color)	4285163350 (0xFF6A6756)
YUV	101.9590, -7.8678, 3.5440
Hunter-Lab	36.6559, -3.4052, 8.2872

Details

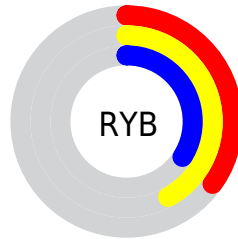
The YUV color $101.9590, -7.8678, 3.5440$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $90.0410, 7.8678, -3.5440$, and the grayscale version is $102.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $152.8450, -8.3046, 3.6439$, and $55.1870, -6.9942, 3.3440$ is the 20% darker color. If you saturate the color by 10%, you get $99.5310, -12.0938, 5.6733$, and if you desaturate by 10%, it is $104.3870, -3.6418, 1.4146$.

Distribution



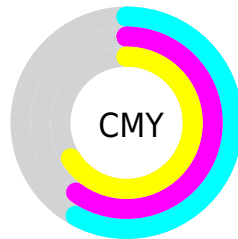
- Red (42%)
- Green (40%)
- Blue (34%)



- Red (35%)
- Yellow (42%)
- Blue (34%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (58%)



- Cyan (58%)
- Magenta (60%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.9590, -7.8678, 3.5440 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 101.9590, -7.8678, 3.5440 by changing the saturation by 10% instead.

■ 101.9590, -7.8678,
3.5440

■ 101.9590, -7.8678,
3.5440

■ 255.0000, 0.0000,
0.0000

■ 78.0730, -7.4310,
3.4440

■ 152.8450, -8.3046,
3.6439

■ 55.1870, -6.9942,
3.3440

■ 179.7310, -8.7414,
3.7439

■ 33.8880, -6.8468,
2.7292

■ 207.0300, -8.8888,
4.3587

■ 11.8170, -5.8258,
1.9145

■ 235.6170, -9.1782,
3.8439

■ 0.0000, 0.0000,
0.0000

■ 253.8600, -4.3680,
0.9998

■ 101.9590, -7.8678,
3.5440

■ 101.9590, -7.8678,
3.5440

■ 99.5310, -12.0938,
5.6733

■ 104.3870, -3.6418,
1.4146

■ 97.8040, -16.1724,
7.1879

■ 106.1140, 0.4368,
-0.1000

■ 95.3760, -20.3984,
9.3172

■ 108.5420, 4.6628,
-2.2293

■ 93.6490, -24.4770,
10.8318

■ 110.2690, 8.7414,
-3.7439

■ 91.2210, -28.7030,
12.9612

■ 112.6970, 12.9674,
-5.8733

■ 88.7930, -32.9289,
15.0905

■ 115.1250, 17.1934,
-8.0026

■ 87.0660, -37.0075,
16.6051

■ 116.8520, 21.2720,
-9.5172

■ 84.6380, -41.2335,

■ 119.2800, 25.4980,

18.7345

-11.6466

■ 84.5240, -41.6703,
18.8345

■ 121.0070, 29.5765,
-13.1611

Harmonies

Analogous

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



102.7040, -7.7421, 9.9066



101.9590, -7.8678, 3.5440



100.5990, -5.2253, -4.0333

Triad

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



101.9590, -7.8678, 3.5440



99.9100, 6.4534, -16.5841



103.9350, 2.0040, 10.5810

Complementary

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



101.9590, -7.8678, 3.5440



90.0410, 7.8678, -3.5440

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.



103.5150, 5.6621, 3.9333



101.9590, -7.8678, 3.5440



101.1000, 8.3317, -12.3657

Square

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



101.9590, -7.8678, 3.5440



99.6990, 3.1064, -16.3990



102.4430, 8.1626, -4.7735



104.2190, -2.0800, 13.8399

Rectangle

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



101.9590, -7.8678, 3.5440



100.4350, -3.1725, -9.1515



102.4430, 8.1626, -4.7735



104.2660, 3.3199, 8.5367

Sweetspot

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



101.9590, -7.8678, 3.5440



135.8000, -3.3524, 1.9294



92.3220, -1.6377, 11.9956



67.8430, -1.8946, 1.0147



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.



101.9590, -7.8678, 3.5440



131.4170, -12.5306, 5.7733



101.6270, -7.7041, -2.3039



52.7290, -2.3314, 1.1147



93.6830, -46.1857, 20.4490



195.3510, -96.3080, 43.5422

Inverse Universe

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



90.0410, 7.8678, -3.5440



112.5830, 12.5306, -5.7733



90.3730, 7.7041, 2.3039



49.2710, 2.3314, -1.1147



23.9040, 45.8963, -20.9638



49.6490, 96.3080, -43.5422

Previews

White Background



This preview shows how the YUV color 101.9590, -7.8678, 3.5440 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 101.9590, -7.8678, 3.5440 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

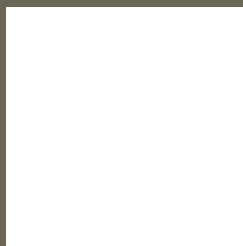
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 101.9590, -7.8678, 3.5440

Background



This preview shows how black text looks on a background with the YUV color 101.9590, -7.8678, 3.5440.



This preview shows how white text looks on a background with the YUV color 101.9590, -7.8678,

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

101.9590, -7.8678, 3.5440

Protanopia

101.9700, -7.8732, 5.2883

Deuteranopia

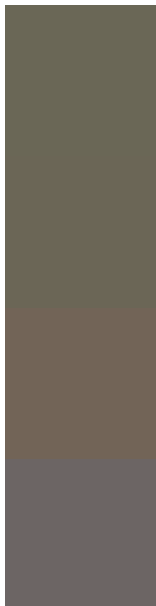
103.3130, -8.0423, 12.8805



Tritanopia

103.6030, 2.1677, 4.7332

Trichromacy



Original Color

101.9590, -7.8678, 3.5440

Protanomaly

101.6710, -7.7258, 4.6735

Deuteranomaly

102.7040, -7.7421, 9.9066

Tritanomaly

102.9790, -1.4686, 4.4034

Monochromacy



Original Color

101.9590, -7.8678, 3.5440

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.6150, -2.7682, 1.2146

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.9590, -7.8678, 3.5440 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(106, 103, 86)` looks like.

```
.text, #text, p{  
    color:rgb(106, 103, 86)  
}
```

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(106, 103, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 103, 86) }
```

Border

The CSS property to change the border of an element to YUV 101.9590, -7.8678, 3.5440 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(106, 103, 86) }
```


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

```
.border{ border-color:rgb(106, 103, 86) }
```

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

Here you see how a box with a 4 pixel rgb(106, 103, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 103, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 103, 86);  
box-shadow:4px 4px 4px 4px rgb(106, 103,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 101.9590, -7.8678, 3.5440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 103, 86) }
```

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

```
.background{ background-color: rgb(106,  
103, 86) }
```

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