

Converting Colors

YUV(101.6460, 3.6255, 3.8185)

Have a look what the booklet for
YUV(101.6460, 3.6255, 3.8185)
contains.

YUV(101.6460, 3.6255, 3.8185)	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(101.6460, 3.6255,
3.8185)**

Conversions

Conversions Part 1

Format	Color
Hex	6A626D
RGB	106, 98, 109
RGB Percent	42%, 38%, 43%
CMY	0.5843, 0.6157, 0.5725
CMYK	0.03, 0.10, 0.00, 0.57
HSL	284°, 5%, 41%
HSV	284°, 10%, 43%
XYZ	13.0719, 12.9037, 16.2697
YIQ	101.6460, 1.2370, 5.1170

Conversions

Conversions Part 2

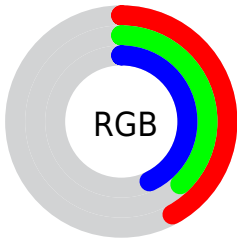
Format	Color
R_{YB}	106, 98, 109
Decimal	6972013
CIE Lab	42.62, 5.43, -5.06
CIE LCh	43, 7.423, 316.976
Yxy	12.9037, 0.3094, 0.3054
Android (android.graphics.Color)	4285162093 (0xFF6A626D)
YUV	101.6460, 3.6255, 3.8185
Hunter-Lab	35.9217, 2.0930, -1.7085

Details

The YUV color **101.6460, 3.6255, 3.8185** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **105.3540, -3.6255, -3.8185**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.6460, 3.6255, 3.8185**, and **55.2330, 3.3361, 3.3037** is the 20% darker color. If you saturate the color by 10%, you get **94.2920, 7.2510, 7.6369**, and if you desaturate by 10%, it is **109.0000, 0.0000, 0.0000**.

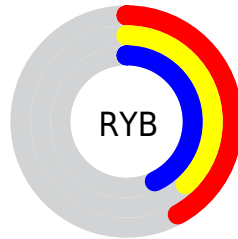
Distribution



Red (42%)

Green (38%)

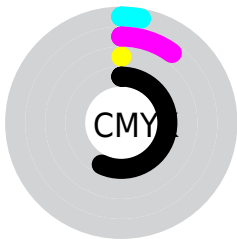
Blue (43%)



Red (42%)

Yellow (38%)

Blue (43%)

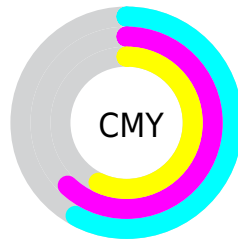


Cyan (3%)

Magenta (10%)

Yellow (0%)

Black (57%)



Cyan (58%)

Magenta (62%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.6460, 3.6255, 3.8185 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 101.6460, 3.6255, 3.8185 by changing the saturation by 10% instead.

■ 101.6460, 3.6255,
3.8185

■ 101.6460, 3.6255,
3.8185

255.0000, 0.0000,
0.0000

■ 77.6460, 3.6255,
3.8185

■ 152.6460, 3.6255,
3.8185

■ 55.2330, 3.3361,
3.3037

■ 179.0590, 3.9149,
4.3333

■ 33.8200, 3.0467,
2.7889

■ 207.0590, 3.9149,
4.3333

■ 10.7710, 4.0569,
5.4628

■ 235.1730, 4.3517,
4.2333

■ 0.0000, 0.0000,
0.0000

■ 101.6460, 3.6255,

■ 101.6460, 3.6255,

3.8185

■ 94.2920, 7.2510,
7.6369

■ 86.9380, 10.8766,
11.4554

■ 79.5840, 14.5021,
15.2738

■ 72.2300, 18.1276,
19.0923

■ 65.4630, 21.4637,
22.3959

■ 58.1090, 25.0893,
26.2144

■ 50.7550, 28.7148,
30.0329

■ 43.4010, 32.3403,
33.8513

3.8185

■ 109.0000, 0.0000,
0.0000

■ 116.3540, -3.6255,
-3.8185

■ 123.7080, -7.2510,
-7.6369

■ 131.0620,
-10.8766, -11.4554

■ 138.4160,
-14.5021, -15.2738

■ 145.1830,
-17.8382, -18.5775

■ 152.5370,
-21.4637, -22.3959

■ 159.8910,
-25.0893, -26.2144

■ 36.0470, 35.9658,
37.6698

■ 167.2450,
-28.7148, -30.0329

Harmonies

Analogous

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



101.0690, 5.3890, -1.8145



101.6460, 3.6255, 3.8185



102.2830, 0.8465, 8.5218

Triad

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



101.6460, 3.6255, 3.8185



100.5510, -5.6946, 6.5328



98.3190, 2.8007, -11.6808

Complementary

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



101.6460, 3.6255, 3.8185



105.3540, -3.6255, -3.8185

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.



98.8310, -0.4097, -8.6218



101.6460, 3.6255, 3.8185



99.9310, -5.3890, 1.8145

Square

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



101.6460, 3.6255, 3.8185



101.8010, -4.8319, 9.8215



99.3540, -3.6255, -3.8185



99.1880, 4.8373, -11.5659

Rectangle

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



101.6460, 3.6255, 3.8185



101.4250, -1.1955, 10.1513



99.3540, -3.6255, -3.8185



98.3900, 1.7797, -10.8660

Sweetspot

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



101.6460, 3.6255, 3.8185



140.3530, 1.3050, 1.4444



101.0150, 3.9366, -2.6442



69.8260, 0.5788, 1.0296



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



101.6460, 3.6255, 3.8185



131.5260, 5.6567, 5.6777



102.3150, 2.3097, 5.8627



49.8800, 2.0312, 1.8592



38.7530, 38.5758, 40.5586



81.1520, 80.7771, 84.9357

Inverse Universe

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



101.6310, -0.3111, 6.4626



131.5390, -0.7587, 10.0513



104.6850, -2.3097, -5.8627



50.0220, -0.0108, 3.4887



38.6310, -3.2691, 68.7296



80.8930, -6.8492, 143.9218

Previews

White Background



This preview shows how the YUV color 101.6460, 3.6255, 3.8185 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 101.6460, 3.6255, 3.8185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

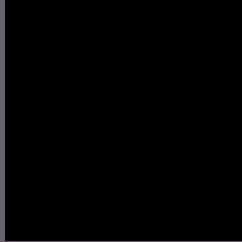
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.6460, 3.6255, 3.8185

Background



This preview shows how black text looks on a background with the YUV color 101.6460, 3.6255, 3.8185.



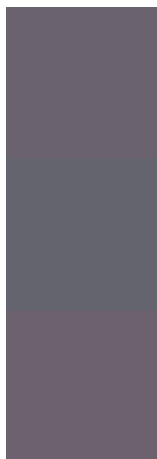
This preview shows how white text looks on a background with the YUV color 101.6460, 3.6255,

3.8185.

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

101.6460, 3.6255, 3.8185

Protanopia

101.1400, 4.3680, -0.9998

Deuteranopia

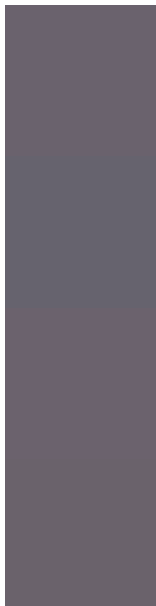
101.9450, 3.4781, 4.4332



Tritanopia

101.3040, 2.3151, 4.1184

Trichromacy



Original Color

101.6460, 3.6255, 3.8185

Protanomaly

101.1510, 4.3626, 0.7446

Deuteranomaly

101.9450, 3.4781, 4.4332

Tritanomaly

101.4180, 2.7519, 4.0184

Monochromacy



Original Color

101.6460, 3.6255, 3.8185

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.0540, 1.4524, 0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.6460, 3.6255, 3.8185 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, 98, 109)` looks like.

```
.text, #text, p{  
    color:rgb(106, 98, 109)  
}
```

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, 98, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 98, 109) }
```

Border

The CSS property to change the border of an element to YUV 101.6460, 3.6255, 3.8185 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, 98, 109) }
```


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

```
.border{ border-color:rgb(106, 98, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 98, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 98, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 98, 109); box-shadow:4px 4px 4px 4px rgb(106, 98, 109) }
```

Background

The CSS property to change the background color of an element to YUV 101.6460, 3.6255, 3.8185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 98, 109) }
```

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

```
.background{ background-color: rgb(106, 98,  
109) }
```

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