

Converting Colors

YUV(102.6460, 3.6255, 3.8185)

Have a look what the booklet for
YUV(102.6460, 3.6255, 3.8185)
contains.

YUV(102.6460, 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(102.6460, 3.6255,
3.8185)**

Conversions

Conversions Part 1

Format	Color
Hex	6B636E
RGB	107, 99, 110
RGB Percent	42%, 39%, 43%
CMY	0.5804, 0.6118, 0.5686
CMYK	0.03, 0.10, 0.00, 0.57
HSL	284°, 5%, 41%
HSV	284°, 10%, 43%
XYZ	13.3397, 13.1753, 16.5919
YIQ	102.6460, 1.2370, 5.1170

Conversions

Conversions Part 2

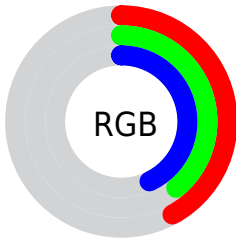
Format	Color
R_{YB}	107, 99, 110
Decimal	7037806
CIE Lab	43.03, 5.42, -5.06
CIE LCh	43, 7.410, 316.972
Yxy	13.1753, 0.3095, 0.3056
Android (android.graphics.Color)	4285227886 (0xFF6B636E)
YUV	102.6460, 3.6255, 3.8185
Hunter-Lab	36.2978, 2.0791, -1.6933

Details

The YUV color **102.6460, 3.6255, 3.8185** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **106.3540, -3.6255, -3.8185**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.7600, 4.0623, 3.7185**, and **56.1190, 2.8993, 3.4036** is the 20% darker color. If you saturate the color by 10%, you get **95.2920, 7.2510, 7.6369**, and if you desaturate by 10%, it is **110.0000, 0.0000, 0.0000**.

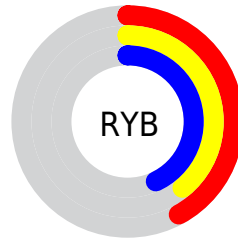
Distribution



Red (42%)

Green (39%)

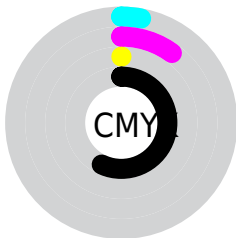
Blue (43%)



Red (42%)

Yellow (39%)

Blue (43%)

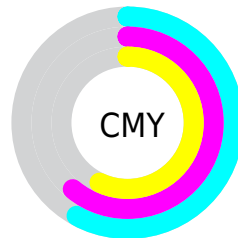


Cyan (3%)

Magenta (10%)

Yellow (0%)

Black (57%)



Cyan (58%)

Magenta (61%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.6460, 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 102.6460, 3.6255, 3.8185 by changing the saturation by 10% instead.

■ 102.6460, 3.6255,
3.8185

■ 102.6460, 3.6255,
3.8185

255.0000, 0.0000,
0.0000

■ 78.6460, 3.6255,
3.8185

■ 153.7600, 4.0623,
3.7185

■ 56.1190, 2.8993,
3.4036

■ 180.1730, 4.3517,
4.2333

■ 34.2330, 3.3361,
3.3037

■ 208.0590, 3.9149,
4.3333

■ 11.7710, 4.0569,
5.4628

■ 236.1730, 4.3517,
4.2333

■ 0.0000, 0.0000,
0.0000

■ 102.6460, 3.6255,

■ 102.6460, 3.6255,

3.8185

■ 95.2920, 7.2510,
7.6369

■ 87.9380, 10.8766,
11.4554

■ 80.5840, 14.5021,
15.2738

■ 73.2300, 18.1276,
19.0923

■ 65.8760, 21.7531,
22.9107

■ 58.5220, 25.3787,
26.7292

■ 51.1680, 29.0042,
30.5477

■ 43.8140, 32.6297,
34.3661

3.8185

■ 110.0000, 0.0000,
0.0000

■ 117.3540, -3.6255,
-3.8185

■ 124.7080, -7.2510,
-7.6369

■ 132.0620,
-10.8766, -11.4554

■ 139.4160,
-14.5021, -15.2738

■ 146.7700,
-18.1276, -19.0923

■ 154.1240,
-21.7531, -22.9107

■ 161.4780,
-25.3787, -26.7292

■ 36.4600, 36.2552,
38.1846

■ 168.8320,
-29.0042, -30.5477

Harmonies

Analogous

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



102.0690, 5.3890, -1.8145



102.6460, 3.6255, 3.8185



103.2830, 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.



102.6460, 3.6255, 3.8185



101.5510, -5.6946, 6.5328



99.3190, 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.



102.6460, 3.6255, 3.8185



106.3540, -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.



99.8310, -0.4097, -8.6218



102.6460, 3.6255, 3.8185



100.9310, -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.



102.6460, 3.6255, 3.8185



102.8010, -4.8319, 9.8215



100.3540, -3.6255, -3.8185



100.1880, 4.8373, -11.5659

Rectangle

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



102.6460, 3.6255, 3.8185



102.7240, -1.3429, 10.7661



100.3540, -3.6255, -3.8185



99.3900, 1.7797, -10.8660

Sweetspot

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



102.6460, 3.6255, 3.8185



140.3530, 1.3050, 1.4444



102.0150, 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.



102.6460, 3.6255, 3.8185



131.5260, 5.6567, 5.6777



103.3150, 2.3097, 5.8627



52.1790, 1.8838, 2.4740



39.6930, 39.5914, 41.4882



81.9780, 81.3558, 85.9653

Inverse Universe

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



102.6310, -0.3111, 6.4626



131.5390, -0.7587, 10.0513



105.6850, -2.3097, -5.8627



52.0220, -0.0108, 3.4887



39.6420, -3.2745, 70.4740



81.4910, -7.1441, 145.1514

Previews

White Background



This preview shows how the YUV color 102.6460, 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 102.6460, 3.6255, 3.8185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

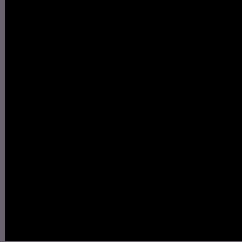
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.6460, 3.6255, 3.8185

Background



This preview shows how black text looks on a background with the YUV color 102.6460, 3.6255, 3.8185.



This preview shows how white text looks on a background with the YUV color 102.6460, 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

102.6460, 3.6255, 3.8185

Protanopia

102.1400, 4.3680, -0.9998

Deuteranopia

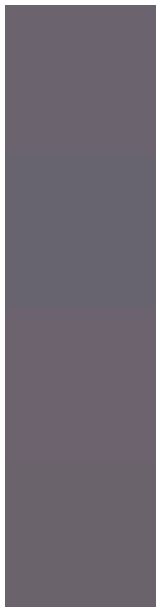
102.9450, 3.4781, 4.4332



Tritanopia

102.3040, 2.3151, 4.1184

Trichromacy



Original Color

102.6460, 3.6255, 3.8185

Protanomaly

102.1510, 4.3626, 0.7446

Deuteranomaly

102.9450, 3.4781, 4.4332

Tritanomaly

102.4180, 2.7519, 4.0184

Monochromacy



Original Color

102.6460, 3.6255, 3.8185

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0540, 1.4524, 0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.6460, 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(107, 99, 110)` looks like.

```
.text, #text, p{  
    color:rgb(107, 99, 110)  
}
```

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(107, 99, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 99, 110) }
```

Border

The CSS property to change the border of an element to YUV 102.6460, 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(107, 99, 110) }
```


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

```
.border{ border-color:rgb(107, 99, 110) }
```

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

Here you see how a box with a 4 pixel rgb(107, 99, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 99, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 99, 110);  
box-shadow:4px 4px 4px 4px rgb(107, 99,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 102.6460, 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(107, 99, 110) }
```

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

```
.background{ background-color: rgb(107, 99,  
110) }
```

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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