

Converting Colors

YUV(103.9950, -2.4625, -3.5036)

Have a look what the booklet for
YUV(103.9950, -2.4625, -3.5036)
contains.

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Color

**YUV(103.9950, -2.4625,
-3.5036)**

Conversions

Conversions Part 1

Format	Color
Hex	646B63
RGB	100, 107, 99
RGB Percent	39%, 42%, 39%
CMY	0.6078, 0.5804, 0.6118
CMYK	0.07, 0.00, 0.07, 0.58
HSL	113°, 4%, 40%
HSV	113°, 7%, 42%
XYZ	12.7654, 14.1256, 13.8581
YIQ	103.9950, -1.6040, -3.9720

Conversions

Conversions Part 2

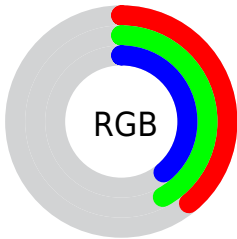
Format	Color
R_{YB}	99, 107, 106
Decimal	6581091
CIE Lab	44.41, -4.34, 3.56
CIE LCh	44, 5.613, 140.684
Yxy	14.1256, 0.3133, 0.3466
Android (android.graphics.Color)	4284771171 (0xFF646B63)
YUV	103.9950, -2.4625, -3.5036
Hunter-Lab	37.5840, -5.1447, 4.4472

Details

The YUV color **103.9950, -2.4625, -3.5036** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **102.0050, 2.4625, 3.5036**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.9950, -2.4625, -3.5036**, and **57.1090, -2.0257, -3.6036** is the 20% darker color. If you saturate the color by 10%, you get **100.0500, -5.9406, -7.9368**, and if you desaturate by 10%, it is **107.9400, 1.0156, 0.9296**.

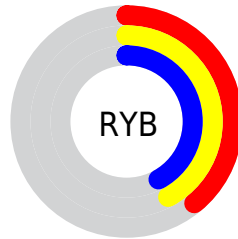
Distribution



Red (39%)

Green (42%)

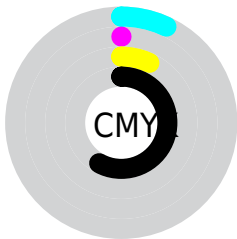
Blue (39%)



Red (39%)

Yellow (42%)

Blue (42%)

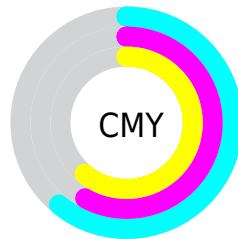


Cyan (7%)

Magenta (0%)

Yellow (7%)

Black (58%)



Cyan (61%)

Magenta (58%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.9950, -2.4625, -3.5036 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 103.9950, -2.4625, -3.5036 by changing the saturation by 10% instead.

■ 103.9950, -2.4625,
-3.5036

■ 103.9950, -2.4625,
-3.5036

255.0000, 0.0000,
0.0000

■ 79.9950, -2.4625,
-3.5036

■ 154.9950, -2.4625,
-3.5036

■ 57.1090, -2.0257,
-3.6036

■ 181.8810, -2.8993,
-3.4036

■ 35.4080, -2.1731,
-2.9888

■ 209.5820, -2.7519,
-4.0184

■ 13.4680, -3.1887,
-3.9184

■ 237.5820, -2.7519,
-4.0184

■ 0.0000, 0.0000,
0.0000

■ 103.9950, -2.4625,

■ 103.9950, -2.4625,

-3.5036

-3.5036

■ 100.0500, -5.9406,
-7.9368

■ 107.9400, 1.0156,
0.9296

■ 95.9200, -8.8346,
-13.0848

■ 112.0700, 3.9095,
6.0776

■ 91.9750, -12.3127,
-17.5181

■ 116.0150, 7.3876,
10.5108

■ 88.0300, -15.7908,
-21.9513

■ 119.9600, 10.8657,
14.9441

■ 83.9000, -18.6847,
-27.0993

■ 124.2040, 14.1964,
19.9921

■ 79.9550, -22.1628,
-31.5325

■ 128.0350, 17.2377,
24.5253

■ 75.7110, -25.4935,
-36.5805

■ 132.2790, 20.5685,
29.5733

■ 71.7660, -28.9716,
-41.0138

■ 136.2240, 24.0466,
34.0066

■ 67.9350, -32.0130,
-45.5470

■ 140.0550, 27.0879,
38.5398

Harmonies

Analogous

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



104.5610, -4.2206, 0.3850



103.9950, -2.4625, -3.5036



103.8420, -0.4151, -6.8774

Triad

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



103.9950, -2.4625, -3.5036



104.8190, 4.5262, -5.1033



105.8870, -1.9163, 7.9921

Complementary

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



103.9950, -2.4625, -3.5036



102.0050, 2.4625, 3.5036

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.



106.1580, 0.4151, 6.8774



103.9950, -2.4625, -3.5036



105.1400, 4.3680, -0.9998

Square

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



103.9950, -2.4625, -3.5036



103.9820, 3.9529, -7.8772



106.0050, 2.4625, 3.5036



105.7190, -3.8055, 7.2624

Rectangle

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



103.9950, -2.4625, -3.5036



103.7000, 1.6269, -8.5069



106.0050, 2.4625, 3.5036



106.0010, -1.4795, 7.8921

Sweetspot

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



103.9950, -2.4625, -3.5036



139.0600, -1.0156, -0.9296



105.5010, -3.2050, 1.3146



70.5870, -0.2894, -0.5148



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.



103.9950, -2.4625, -3.5036



135.3430, -3.6201, -5.5628



104.0380, -1.0047, -4.4183



51.8210, -1.8838, -2.4740



73.1640, -36.0699, -51.0098



153.0840, -75.4704, -107.0677

Inverse Universe

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



102.0050, 2.4625, 3.5036



132.6570, 3.6201, 5.5628



101.9620, 1.0047, 4.4183



50.1790, 1.8838, 2.4740



44.1350, 35.9224, 51.6246



91.9160, 75.4704, 107.0677

Previews

White Background



This preview shows how the YUV color 103.9950, -2.4625, -3.5036 looks on a white background.

Color Contrast Check

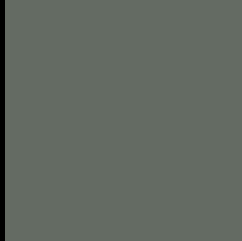
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.9950, -2.4625, -3.5036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

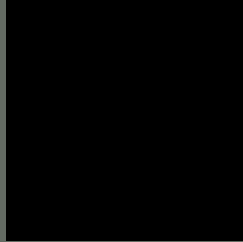
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.9950, -2.4625, -3.5036

Background



This preview shows how black text looks on a background with the YUV color 103.9950, -2.4625, -3.5036.



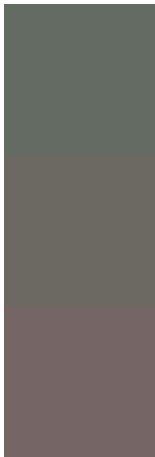
This preview shows how white text looks on a background with the YUV color 103.9950, -2.4625, -3.5036.

-3.5036.

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

103.9950, -2.4625, -3.5036

Protanopia

105.0990, -3.4998, 2.5442

Deuteranopia

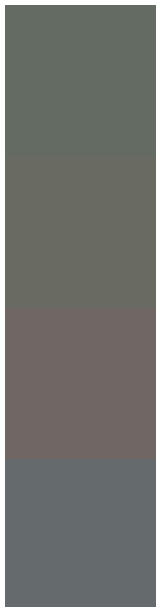
105.6700, -2.7953, 9.9364



Tritanopia

105.0150, 3.9366, -2.6442

Trichromacy



Original Color

103.9950, -2.4625, -3.5036

Protanomaly

104.7890, -3.3470, 0.1850

Deuteranomaly

105.0500, -2.4897, 5.2181

Tritanomaly

104.7330, 1.6106, -3.2738

Monochromacy



Original Color

103.9950, -2.4625, -3.5036

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0600, -1.0156, -0.9296

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.9950, -2.4625, -3.5036 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(100, 107, 99)` looks like.

```
.text, #text, p{  
    color:rgb(100, 107, 99)  
}
```

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(100, 107, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 107, 99) }
```

Border

The CSS property to change the border of an element to YUV 103.9950, -2.4625, -3.5036 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(100, 107, 99) }
```


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

```
.border{ border-color:rgb(100, 107, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 107, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 107, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 107, 99);  
box-shadow:4px 4px 4px 4px rgb(100, 107,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 103.9950, -2.4625, -3.5036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 107, 99) }
```

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

```
.background{ background-color: rgb(100,  
107, 99) }
```

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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