

Converting Colors

YUV(100.2410, 4.3182,
-31.7834)

Have a look what the booklet for
YUV(100.2410, 4.3182, -31.7834)
contains.

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Color

**YUV(100.2410, 4.3182,
-31.7834)**

Conversions

Conversions Part 1

Format	Color
Hex	40756D
RGB	64, 117, 109
RGB Percent	25%, 46%, 43%
CMY	0.7490, 0.5412, 0.5725
CMYK	0.45, 0.00, 0.07, 0.54
HSL	171°, 29%, 35%
HSV	171°, 45%, 46%
XYZ	11.2360, 14.9167, 16.7550
YIQ	100.2410, -29.0200, -13.7240

Conversions

Conversions Part 2

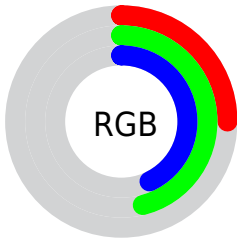
Format	Color
R _{YB}	64, 93, 117
Decimal	4224365
CIE Lab	45.52, -19.78, -1.11
CIE LCh	46, 19.811, 183.200
Yxy	14.9167, 0.2619, 0.3476
Android (android.graphics.Color)	4282414445 (0xFF40756D)
YUV	100.2410, 4.3182, -31.7834
Hunter-Lab	38.6221, -15.6595, 1.3144

Details

The YUV color **100.2410, 4.3182, -31.7834** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **80.7590, -4.3182, 31.7834**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.8280, 4.0288, -32.2982**, and **49.6750, 6.0762, -35.6720** is the 20% darker color. If you saturate the color by 10%, you get **96.4250, 5.2135, -38.9607**, and if you desaturate by 10%, it is **104.0570, 3.4229, -24.6060**.

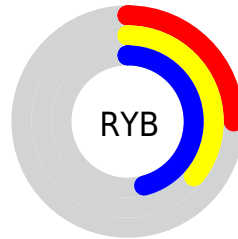
Distribution



Red (25%)

Green (46%)

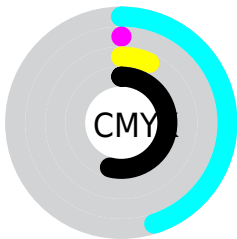
Blue (43%)



Red (25%)

Yellow (36%)

Blue (46%)

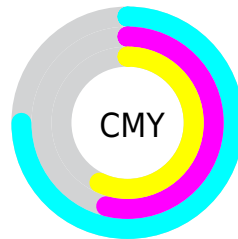


Cyan (45%)

Magenta (0%)

Yellow (7%)

Black (54%)



Cyan (75%)

Magenta (54%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.2410, 4.3182, -31.7834 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 100.2410, 4.3182, -31.7834 by changing the saturation by 10% instead.

■ 100.2410, 4.3182,
-31.7834

■ 100.2410, 4.3182,
-31.7834

255.0000, 0.0000,
0.0000

■ 75.3550, 4.7550,
-31.8833

■ 151.8280, 4.0288,
-32.2982

■ 49.6750, 6.0762,
-35.6720

■ 179.4150, 3.7394,
-32.8130

■ 31.5620, 4.1599,
-27.6799

■ 207.1160, 3.8868,
-33.4277

■ 18.0150, 0.4856,
-15.7992

■ 235.2300, 4.3236,
-33.5277

■ 0.0000, 0.0000,
0.0000

■ 246.0300, 4.4222,
-18.4433

254.7010, 0.1474,

-0.6148

■ 100.2410, 4.3182,
-31.7834

■ 100.2410, 4.3182,
-31.7834

■ 96.4250, 5.2135,
-38.9607

■ 104.0570, 3.4229,
-24.6060

■ 92.9080, 5.9614,
-45.5233

■ 107.5740, 2.6750,
-18.0434

■ 89.2060, 7.2934,
-52.8007

■ 111.2760, 1.3429,
-10.7661

■ 85.3900, 8.1887,
-59.9780

■ 115.0920, 0.4476,
-3.5887

■ 81.8730, 8.9366,
-66.5406

■ 118.9080, -0.4476,
3.5887

■ 79.9650, 9.3843,
-70.1293

■ 122.4250, -1.1955,
10.1513

■ 126.1270, -2.5276,
17.4286

■ 129.9430, -3.4229,
24.6060

■ 133.4600, -4.1708,
31.1686

Harmonies

Analogous

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



102.7990, -5.3239, -19.1177



100.2410, 4.3182, -31.7834



99.3850, 12.6282, -37.1716

Triad

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



100.2410, 4.3182, -31.7834



109.6380, 12.5035, 2.9485



108.3480, -14.4686, 20.7428

Complementary

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



100.2410, 4.3182, -31.7834



80.7590, -4.3182, 31.7834

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.



109.0590, -9.3961, 27.1353



100.2410, 4.3182, -31.7834



110.7170, 6.0555, 17.7882

Square

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



100.2410, 4.3182, -31.7834



106.6680, 16.9257, -15.4948



110.4100, -1.6811, 25.9504



106.6410, -15.5990, 9.9618

Rectangle

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



100.2410, 4.3182, -31.7834



101.3190, 16.1117, -34.4828



110.4100, -1.6811, 25.9504



108.7120, -13.1690, 23.9316

Sweetspot

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



100.2410, 4.3182, -31.7834



146.3790, 1.7852, -12.6104



97.8020, -16.6644, -21.7514



72.5860, 1.1901, -8.4069



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



100.2410, 4.3182, -31.7834



126.8150, 6.9932, -49.8268



90.5870, 13.0216, -23.3168



57.0920, 0.4476, -3.5887



83.4700, 10.1213, -73.2032



170.9180, 20.2534, -149.8951

Inverse Universe

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



80.7590, -4.3182, 31.7834



96.2990, -6.5564, 49.7268



90.4130, -13.0216, 23.3168



54.9080, -0.4476, 3.5887



38.5300, -10.1213, 73.2032



79.0820, -20.2534, 149.8951

Previews

White Background



This preview shows how the YUV color 100.2410, 4.3182, -31.7834 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 100.2410, 4.3182, -31.7834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

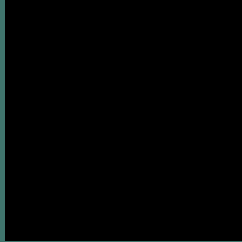
Any Text WCAG AA × Fail

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 100.2410, 4.3182, -31.7834 Background



This preview shows how black text looks on a background with the YUV color 100.2410, 4.3182, -31.7834.



This preview shows how white text looks on a background with the YUV color 100.2410, 4.3182,

-31.7834.

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

100.2410, 4.3182, -31.7834

Protanopia

107.4410, -2.1894, 2.2442

Deuteranopia

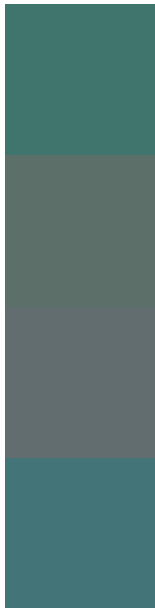
108.5000, 1.7255, 6.5775



Tritanopia

101.9730, 10.8593, -29.7943

Trichromacy



Original Color

100.2410, 4.3182, -31.7834

Protanomaly

104.9340, 0.0325, -10.4661

Deuteranomaly

105.6400, 2.6425, -7.5773

Tritanomaly

101.6910, 8.5333, -30.4240

Monochromacy



Original Color

100.2410, 4.3182, -31.7834

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.9770, 1.4903, -11.3808

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.2410, 4.3182, -31.7834 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(64, 117, 109)` looks like.

```
.text, #text, p{  
    color:rgb(64, 117, 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(64, 117, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 117, 109) }
```

Border

The CSS property to change the border of an element to YUV 100.2410, 4.3182, -31.7834 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(64, 117, 109) }
```


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

```
.border{ border-color:rgb(64, 117, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 117, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 117, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 117, 109);  
box-shadow:4px 4px 4px 4px rgb(64, 117,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 100.2410, 4.3182, -31.7834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 117, 109) }
```

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

```
.background{ background-color: rgb(64, 117,  
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](#).

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