

Converting Colors

YUV(100.3160, -19.3828,
10.2469)

Have a look what the booklet for
YUV(100.3160, -19.3828, 10.2469)
contains.

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Color

**YUV(100.3160, -19.3828,
10.2469)**

Conversions

Conversions Part 1

Format	Color
Hex	70663D
RGB	112, 102, 61
RGB Percent	44%, 40%, 24%
CMY	0.5608, 0.6000, 0.7608
CMYK	0.00, 0.09, 0.46, 0.56
HSL	48°, 29%, 34%
HSV	48°, 46%, 44%
XYZ	12.2758, 13.2844, 6.3320
YIQ	100.3160, 19.1210, -10.6310

Conversions

Conversions Part 2

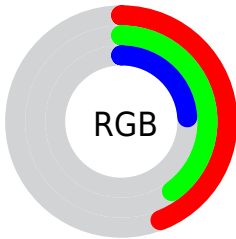
Format	Color
R_{YB}	73, 112, 61
Decimal	7366205
CIE Lab	43.19, -2.38, 24.56
CIE LCh	43, 24.679, 95.543
Yxy	13.2844, 0.3849, 0.4165
Android (android.graphics.Color)	4285556285 (0xFF70663D)
YUV	100.3160, -19.3828, 10.2469
Hunter-Lab	36.4478, -3.6641, 15.2131

Details

The YUV color **100.3160, -19.3828, 10.2469** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **72.6840, 19.3828, -10.2469**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.5720, -20.9880, 11.7764**, and **53.0600, -17.7776, 8.7174** is the 20% darker color. If you saturate the color by 10%, you get **97.8880, -23.6088, 12.3762**, and if you desaturate by 10%, it is **102.7440, -15.1568, 8.1175**.

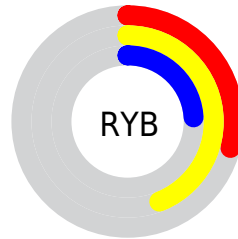
Distribution



Red (44%)

Green (40%)

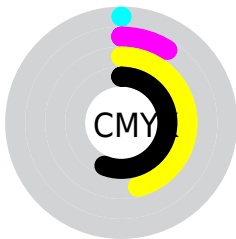
Blue (24%)



Red (29%)

Yellow (44%)

Blue (24%)

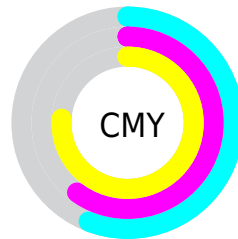


Cyan (0%)

Magenta (9%)

Yellow (46%)

Black (56%)



Cyan (56%)

Magenta (60%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.3160, -19.3828, 10.2469 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 100.3160, -19.3828, 10.2469 by changing the saturation by 10% instead.

■ 100.3160,
-19.3828, 10.2469

■ 100.3160,
-19.3828, 10.2469

■ 255.0000, 0.0000,
0.0000

■ 76.1310, -18.7986,
9.5321

■ 151.5720,
-20.9880, 11.7764

■ 53.0600, -17.7776,
8.7174

■ 178.4580,
-21.4248, 11.8763

■ 32.2170, -15.8830,
7.7027

■ 205.9420,
-22.1564, 13.2059

■ 11.2190, -5.5310,
0.6849

■ 233.8280,
-22.5932, 13.3058

■ 0.0000, 0.0000,
0.0000

■ 250.5540,
-17.0351, 3.8991

■ 253.8600, -4.3680,

0.9998

■ 100.3160,
-19.3828, 10.2469

■ 100.3160,
-19.3828, 10.2469

■ 97.8880, -23.6088,
12.3762

■ 102.7440,
-15.1568, 8.1175

■ 95.4600, -27.8348,
14.5056

■ 105.1720,
-10.9308, 5.9882

■ 92.3310, -32.2082,
17.2497

■ 108.3010, -6.5574,
3.2440

■ 89.9030, -36.4342,
19.3791

■ 110.7290, -2.3314,
1.1147

■ 87.4750, -40.6602,
21.5084

■ 113.1570, 1.8946,
-1.0147

■ 86.3180, -42.5548,
22.5231

■ 115.5850, 6.1206,
-3.1440

■ 118.0130, 10.3466,
-5.2734

■ 121.1420, 14.7200,
-8.0175

■ 123.5700, 18.9460,
-10.1469

Harmonies

Analogous

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



102.0450, -18.2632, 24.5165



100.3160, -19.3828, 10.2469



98.0580, -14.8186, -7.0669

Triad

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



100.3160, -19.3828, 10.2469



86.8710, 18.7976, -56.0149



104.9780, 6.9128, 22.8213

Complementary

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



100.3160, -19.3828, 10.2469



72.6840, 19.3828, -10.2469

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.



103.7460, 15.4082, 4.6078



100.3160, -19.3828, 10.2469



93.2840, 22.5380, -42.3451

Square

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



100.3160, -19.3828, 10.2469



89.9620, 7.4137, -44.6937



100.2700, 20.5729, -18.6538



103.9270, -2.4290, 32.5130

Rectangle

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



100.3160, -19.3828, 10.2469



96.1750, -8.9603, -19.4475



100.2700, 20.5729, -18.6538



105.0420, 9.8393, 17.5032

Sweetspot

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



100.3160, -19.3828, 10.2469



140.3720, -7.5784, 4.0588



77.3890, -3.1498, 30.3538



70.7570, -4.8102, 2.8441



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



100.3160, -19.3828, 10.2469



127.0750, -30.6030, 15.7202



101.7010, -20.0656, -4.1228



54.7290, -2.3314, 1.1147



92.2320, -45.4704, 24.3525



190.6660, -93.9983, 49.4049

Inverse Universe

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



72.6840, 19.3828, -10.2469



83.5120, 30.3136, -16.2350



71.2990, 20.0656, 4.1228



51.8580, 2.0420, -1.6295



27.1810, 45.7598, -23.8377



56.3340, 93.9983, -49.4049

Previews

White Background



This preview shows how the YUV color 100.3160, -19.3828, 10.2469 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 100.3160, -19.3828, 10.2469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

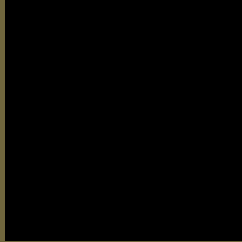
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.3160, -19.3828, 10.2469

Background



This preview shows how black text looks on a background with the YUV color 100.3160, -19.3828, 10.2469.



This preview shows how white text looks on a background with the YUV color 100.3160, -19.3828, 10.2469.

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

100.3160, -19.3828, 10.2469

Protanopia

100.3160, -19.3828, 10.2469

Deuteranopia

101.0830, -19.2679, 20.0982



Tritanopia

103.4790, 0.2569, 10.9809

Trichromacy



Original Color

100.3160, -19.3828, 10.2469

Protanomaly

100.3160, -19.3828, 10.2469

Deuteranomaly

101.0610, -19.2571, 16.6095

Tritanomaly

102.5300, -7.1633, 10.9362

Monochromacy



Original Color

100.3160, -19.3828, 10.2469

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.1870, -6.9942, 3.3440

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.3160, -19.3828, 10.2469 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(112, 102, 61)` looks like.

```
.text, #text, p{  
    color:rgb(112, 102, 61)  
}
```

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(112, 102, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 102, 61) }
```

Border

The CSS property to change the border of an element to YUV 100.3160, -19.3828, 10.2469 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(112, 102, 61) }
```


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

```
.border{ border-color:rgb(112, 102, 61) }
```

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

Here you see how a box with a 4 pixel rgb(112, 102, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 102, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 102, 61);  
box-shadow:4px 4px 4px 4px rgb(112, 102,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 100.3160, -19.3828, 10.2469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 102, 61) }
```

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

```
.background{ background-color: rgb(112,  
102, 61) }
```

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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