

Converting Colors

YUV(100.3190, -30.7233,
7.6132)

Have a look what the booklet for
YUV(100.3190, -30.7233, 7.6132)
contains.

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Color

**YUV(100.3190, -30.7233,
7.6132)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6C26
RGB	109, 108, 38
RGB Percent	43%, 42%, 15%
CMY	0.5725, 0.5765, 0.8510
CMYK	0.00, 0.01, 0.65, 0.57
HSL	59°, 48%, 29%
HSV	59°, 65%, 43%
XYZ	12.0191, 14.1163, 3.9250
YIQ	100.3190, 23.0660, -21.5580

Conversions

Conversions Part 2

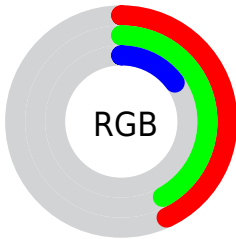
Format	Color
RYB	39, 109, 38
Decimal	7171110
CIELab	44.40, -9.38, 38.07
CIELCh	44, 39.207, 103.836
Yxy	14.1163, 0.3998, 0.4696
Android (android.graphics.Color)	4285361190 (0xFF6D6C26)
YUV	100.3190, -30.7233, 7.6132
Hunter-Lab	37.5716, -8.6486, 20.1063

Details

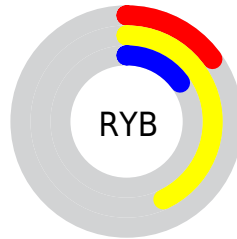
The YUV color **100.3190, -30.7233, 7.6132** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **46.6810, 30.7233, -7.6132**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.6890, -31.8917, 9.0427**, and **53.4480, -26.3499, 4.8691** is the 20% darker color. If you saturate the color by 10%, you get **99.0650, -35.5280, 8.7130**, and if you desaturate by 10%, it is **101.5730, -25.9185, 6.5135**.

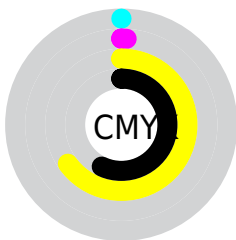
Distribution



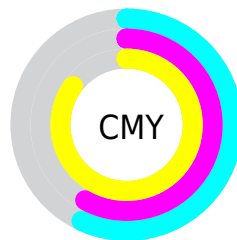
- Red (43%)
- Green (42%)
- Blue (15%)



- Red (15%)
- Yellow (43%)
- Blue (15%)



- Cyan (0%)
- Magenta (1%)
- Yellow (65%)
- Black (57%)



- Cyan (57%)
- Magenta (58%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.3190, -30.7233, 7.6132 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 100.3190, -30.7233, 7.6132 by changing the saturation by 10% instead.

■ 100.3190,
-30.7233, 7.6132

■ 100.3190,
-30.7233, 7.6132

■ 255.0000, 0.0000,
0.0000

■ 75.4930, -31.3020,
6.5836

■ 151.6890,
-31.8917, 9.0427

■ 53.4480, -26.3499,
4.8691

■ 178.7600,
-32.9127, 9.8575

■ 33.3580, -16.4455,
1.4400

■ 206.8310,
-33.9337, 10.6722

■ 11.7400, -5.7878,
-10.2960

■ 235.0160,
-34.5179, 11.3870

■ 0.0000, 0.0000,
0.0000

■ 247.8180,
-27.5183, 6.2986

■ 251.0100,

-15.2879, 3.4992

254.3160, -2.6208,
0.5999

100.3190,
-30.7233, 7.6132

100.3190,
-30.7233, 7.6132

99.0650, -35.5280,
8.7130

101.5730,
-25.9185, 6.5135

97.8110, -40.3328,
9.8128

102.8270,
-21.1137, 5.4137

96.5570, -45.1376,
10.9125

104.0810,
-16.3089, 4.3140

95.4000, -47.0322,
11.9272

105.9220,
-11.7935, 2.6994

107.0620, -7.4256,
1.6996

■ 108.3160, -2.6208,
0.5999

■ 109.5700, 2.1840,
-0.4999

■ 110.8240, 6.9888,
-1.5996

■ 112.0780, 11.7935,
-2.6994

Harmonies

Analogous

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



102.8750, -30.5044, 30.8046



100.3190, -30.7233, 7.6132



96.3030, -19.8694, -20.4367

Triad

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



100.3190, -30.7233, 7.6132



86.8390, 30.6454, -76.1578



107.1530, 8.3056, 42.8388

Complementary

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



100.3190, -30.7233, 7.6132



46.6810, 30.7233, -7.6132

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.



108.1310, 21.6274, 16.5481



100.3190, -30.7233, 7.6132



85.3690, 40.2441, -74.8686

Square

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



100.3190, -30.7233, 7.6132



84.7070, 17.3994, -74.2880



102.3370, 32.3719, -23.0975



105.2070, -7.0041, 53.3155

Rectangle

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



100.3190, -30.7233, 7.6132



89.7650, -7.2791, -45.3979



102.3370, 32.3719, -23.0975



107.6620, 12.9846, 35.3764

Sweetspot

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



100.3190, -30.7233, 7.6132



139.1070, -12.3778, 3.4142



59.3430, -10.0291, 43.5492



69.0620, -7.4256, 1.6996



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.



100.3190, -30.7233, 7.6132



129.0580, -48.3426, 12.2271



90.7400, -26.0008, -13.8040



52.7290, -2.3314, 1.1147



103.0750, -50.8160, 12.2122



214.7220, -105.8579, 26.5538

Inverse Universe

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



46.6810, 30.7233, -7.6132



44.9420, 48.3426, -12.2271



56.2600, 26.0008, 13.8040



48.6840, 2.6208, -0.5999



14.5120, 50.5266, -12.7270



29.6910, 106.1473, -26.0390

Previews

White Background



This preview shows how the YUV color 100.3190, -30.7233, 7.6132 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 100.3190, -30.7233, 7.6132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

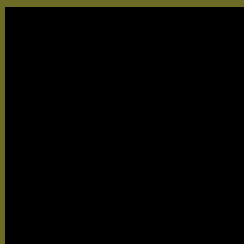
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.3190, -30.7233, 7.6132

Background



This preview shows how black text looks on a background with the YUV color 100.3190, -30.7233, 7.6132.



This preview shows how white text looks on a background with the YUV color 100.3190, -30.7233, 7.6132.

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

100.3190, -30.7233, 7.6132

Protanopia

100.8360, -31.4711, 14.1758

Deuteranopia

102.5430, -30.3407, 24.9568



Tritanopia

106.0980, 1.4307, 7.8071

Trichromacy



Original Color

100.3190, -30.7233, 7.6132

Protanomaly

100.5260, -31.3183, 11.8167

Deuteranomaly

101.7980, -30.4664, 18.5942

Tritanomaly

104.2970, -10.4994, 7.6325

Monochromacy



Original Color

100.3190, -30.7233, 7.6132

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.0360, -11.3567, 2.5994

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.3190, -30.7233, 7.6132 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(109, 108, 38)` looks like.

```
.text, #text, p{  
    color:rgb(109, 108, 38)  
}
```

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(109, 108, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 108, 38) }
```

Border

The CSS property to change the border of an element to YUV 100.3190, -30.7233, 7.6132 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(109, 108, 38) }
```


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

```
.border{ border-color:rgb(109, 108, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 108, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 108, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 108, 38);  
box-shadow:4px 4px 4px 4px rgb(109, 108,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 100.3190, -30.7233, 7.6132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 108, 38) }
```

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

```
.background{ background-color: rgb(109,  
108, 38) }
```

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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