

Converting Colors

YUV(96.3910, -33.2238,
16.3201)

Have a look what the booklet for
YUV(96.3910, -33.2238, 16.3201)
contains.

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Color

**YUV(96.3910, -33.2238,
16.3201)**

Conversions

Conversions Part 1

Format	Color
Hex	73641D
RGB	115, 100, 29
RGB Percent	45%, 39%, 11%
CMY	0.5490, 0.6078, 0.8863
CMYK	0.00, 0.13, 0.75, 0.55
HSL	50°, 60%, 28%
HSV	50°, 75%, 45%
XYZ	11.8492, 12.8479, 3.0178
YIQ	96.3910, 31.7310, -18.9010

Conversions

Conversions Part 2

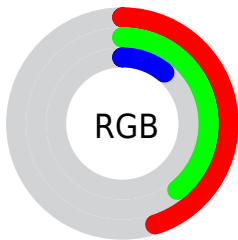
Format	Color
RYB	47, 115, 29
Decimal	7562269
CIELab	42.53, -2.52, 40.39
CIElCh	43, 40.472, 93.571
Yxy	12.8479, 0.4275, 0.4636
Android (android.graphics.Color)	4285752349 (0xFF73641D)
YUV	96.3910, -33.2238, 16.3201
Hunter-Lab	35.8440, -3.7190, 20.0990

Details

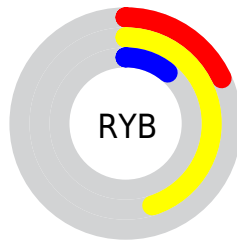
The YUV color **96.3910, -33.2238, 16.3201** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **47.6090, 33.2238, -16.3201**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.3590, -34.6870, 18.9792**, and **50.8340, -25.0612, 11.5466** is the 20% darker color. If you saturate the color by 10%, you get **93.9630, -37.4498, 18.4494**, and if you desaturate by 10%, it is **98.9330, -28.5610, 14.0908**.

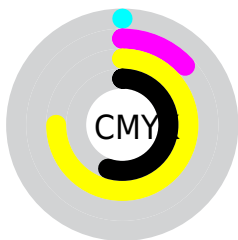
Distribution



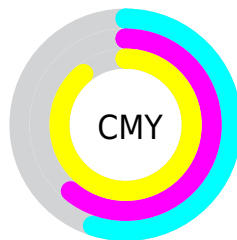
- Red (45%)
- Green (39%)
- Blue (11%)



- Red (18%)
- Yellow (45%)
- Blue (11%)



- Cyan (0%)
- Magenta (13%)
- Yellow (75%)
- Black (55%)



- Cyan (55%)
- Magenta (61%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.3910, -33.2238, 16.3201 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 96.3910, -33.2238, 16.3201 by changing the saturation by 10% instead.

96.3910, -33.2238,
16.3201

96.3910, -33.2238,
16.3201

255.0000, 0.0000,
0.0000

71.4510, -34.2393,
15.3905

148.3590,
-34.6870, 18.9792

50.8340, -25.0612,
11.5466

174.8430,
-35.4186, 20.3087

31.0320, -15.2988,
6.9879

202.9140,
-36.4396, 21.1234

8.8490, -4.3626,
-0.7446

230.6860,
-37.3132, 21.3234

0.0000, 0.0000,
0.0000

246.7920,
-31.4495, 7.1984

249.9840,

-19.2191, 4.3990

253.1760, -6.9888,
1.5996

96.3910, -33.2238,
16.3201

96.3910, -33.2238,
16.3201

93.9630, -37.4498,
18.4494

98.9330, -28.5610,
14.0908

91.4210, -42.1126,
20.6788

101.3610,
-24.3350, 11.9614

90.1500, -44.4439,
21.7935

103.9030,
-19.6722, 9.7321

106.3310,
-15.4462, 7.6027

108.8730,
-10.7834, 5.3734

■ 111.3010, -6.5574,
3.2440

■ 113.8430, -1.8946,
1.0147

■ 116.2710, 2.3314,
-1.1147

■ 118.8130, 6.9942,
-3.3440

Harmonies

Analogous

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



98.6740, -28.9263, 37.9969



96.3910, -33.2238, 16.3201



92.8760, -25.5749, -10.4153

Triad

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



96.3910, -33.2238, 16.3201



83.5960, 25.8352, -73.3137



103.1890, 13.7108, 35.7912

Complementary

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



96.3910, -33.2238, 16.3201



47.6090, 33.2238, -16.3201

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.



102.6070, 26.3227, 3.8527



96.3910, -33.2238, 16.3201



83.9840, 37.4759, -73.6540

Square

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



96.3910, -33.2238, 16.3201



80.5350, 11.5682, -70.6292



90.5620, 37.6839, -46.9739



100.4010, -1.1837, 53.1453

Rectangle

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



96.3910, -33.2238, 16.3201



88.3060, -14.4479, -32.7174



90.5620, 37.6839, -46.9739



103.5730, 17.9585, 26.6845

Sweetspot

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



96.3910, -33.2238, 16.3201



143.3030, -12.9674, 5.8733



56.5380, -5.6882, 51.2712



72.3720, -7.5784, 4.0588



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.



96.3910, -33.2238, 16.3201



121.1090, -52.3117, 25.3374



97.1230, -33.5846, -8.0009



57.7290, -2.3314, 1.1147



95.7650, -47.2121, 23.0081



195.6720, -96.4663, 47.6457

Inverse Universe

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



47.6090, 33.2238, -16.3201



44.4780, 52.0223, -25.8522



46.8770, 33.5846, 8.0009



54.2710, 2.3314, -1.1147



26.2350, 47.2121, -23.0081



54.3280, 96.4663, -47.6457

Previews

White Background



This preview shows how the YUV color 96.3910, -33.2238, 16.3201 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 96.3910, -33.2238, 16.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

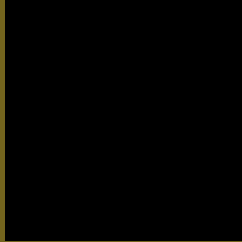
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.3910, -33.2238, 16.3201

Background



This preview shows how black text looks on a background with the YUV color 96.3910, -33.2238, 16.3201.



This preview shows how white text looks on a background with the YUV color 96.3910, -33.2238,

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

96.3910, -33.2238, 16.3201

Protanopia

96.3800, -33.2183, 14.5757

Deuteranopia

96.9730, -32.5247, 25.4567



Tritanopia

101.9850, -0.4856, 15.7992

Trichromacy



Original Color

96.3910, -33.2238, 16.3201

Protanomaly

96.6790, -33.3657, 15.1905

Deuteranomaly

96.8370, -32.9506, 22.0680

Tritanomaly

100.1840, -12.4157, 15.6246

Monochromacy



Original Color

96.3910, -33.2238, 16.3201

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9440, -11.8044, 6.1881

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.3910, -33.2238, 16.3201 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(115, 100, 29)` looks like.

```
.text, #text, p{  
    color:rgb(115, 100, 29)  
}
```

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(115, 100, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 100, 29) }
```

Border

The CSS property to change the border of an element to YUV 96.3910, -33.2238, 16.3201 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(115, 100, 29) }
```


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

```
.border{ border-color:rgb(115, 100, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 100, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 100, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 100, 29);  
box-shadow:4px 4px 4px 4px rgb(115, 100,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 96.3910, -33.2238, 16.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 100, 29) }
```

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

```
.background{ background-color: rgb(115,  
100, 29) }
```

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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