

Converting Colors

YUV(96.0330, -33.0473,
99.9491)

Have a look what the booklet for
YUV(96.0330, -33.0473, 99.9491)
contains.

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Color

**YUV(96.0330, -33.0473,
99.9491)**

Conversions

Conversions Part 1

Format	Color
Hex	D2331D
RGB	210, 51, 29
RGB Percent	82%, 20%, 11%
CMY	0.1765, 0.8000, 0.8863
CMYK	0.00, 0.76, 0.86, 0.18
HSL	7°, 76%, 47%
HSV	7°, 86%, 82%
XYZ	27.9839, 16.1580, 2.8063
YIQ	96.0330, 101.8260, 26.8660

Conversions

Conversions Part 2

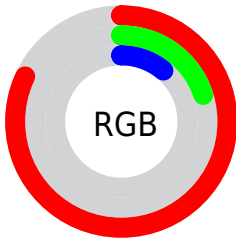
Format	Color
R_{YB}	210, 54, 29
Decimal	13775645
CIE Lab	47.18, 60.30, 49.86
CIE LCh	47, 78.239, 39.585
Yxy	16.1580, 0.5961, 0.3442
Android (android.graphics.Color)	4291965725 (0xFFD2331D)
YUV	96.0330, -33.0473, 99.9491
Hunter-Lab	40.1970, 53.9215, 23.9987

Details

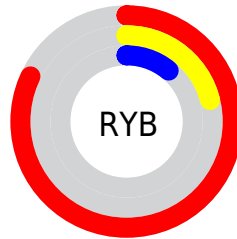
The YUV color **96.0330, -33.0473, 99.9491** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **142.9670, 33.0473, -99.9491**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.5930, -35.7883, 92.4419**, and **43.6540, -21.5214, 89.7574** is the 20% darker color. If you saturate the color by 10%, you get **83.0730, -37.0110, 111.3150**, and if you desaturate by 10%, it is **108.9930, -29.0835, 88.5831**.

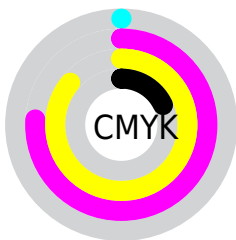
Distribution



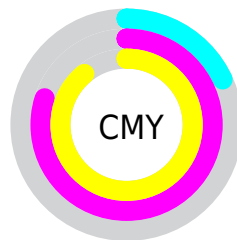
- Red (82%)
- Green (20%)
- Blue (11%)



- Red (82%)
- Yellow (21%)
- Blue (11%)



- Cyan (0%)
- Magenta (76%)
- Yellow (86%)
- Black (18%)





- Cyan (18%)
- Magenta (80%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.0330, -33.0473, 99.9491 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 96.0330, -33.0473, 99.9491 by changing the saturation by 10% instead.


 96.0330, -33.0473,
99.9491


 96.0330, -33.0473,
99.9491


255.0000, 0.0000,
0.0000


 58.3740, -26.8064,
104.9120


 149.5930,
-35.7883, 92.4419


 43.6540, -21.5214,
89.7574


 168.8790,
-32.9713, 75.5281


 34.3850, -16.9518,
70.6994


 188.1650,
-30.1543, 58.6143

 25.1160, -12.3822,
51.6413

 208.2660,
-26.7531, 40.9857

 16.9720, -7.3812,
34.2276

 228.3670,
-23.3519, 23.3571

 3.8870, -1.9163,
7.9921

 249.1690,

 0.0000, 0.0000,

-19.8033, 5.1138

0.0000

■ 252.9480, -7.8624,
1.7996

■ 96.0330, -33.0473,
99.9491

■ 96.0330, -33.0473,
99.9491

■ 83.0730, -37.0110,
111.3150

■ 108.9930,
-29.0835, 88.5831

■ 78.0520, -38.4796,
115.7184

■ 122.5400,
-25.4092, 76.7024

■ 135.5000,
-21.4455, 65.3365

■ 149.0470,
-17.7712, 53.4558

■ 162.0070,
-13.8075, 42.0899

■ 175.5540,
-10.1331, 30.2091

■ 188.5140, -6.1694,
18.8432

■ 202.0610, -2.4951,
6.9625

■ 215.0210, 1.4686,
-4.4034

Harmonies

Analogous

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



77.6920, 8.0398, 128.3121



96.0330, -33.0473, 99.9491



104.8450, -51.6886, 58.8949

Triad

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



96.0330, -33.0473, 99.9491



86.9000, -12.2757, -76.2113



94.7340, 73.5881, -83.0817

Complementary

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



96.0330, -33.0473, 99.9491



142.9670, 33.0473, -99.9491

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.



104.5020, 65.3215, -91.6483



96.0330, -33.0473, 99.9491



96.6410, 17.4320, -84.7542

Square

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



96.0330, -33.0473, 99.9491



86.1770, -42.4853, -46.6362



103.2360, 45.2397, -90.5380



113.3080, 50.1342, 19.9009

Rectangle

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



96.0330, -33.0473, 99.9491



104.9460, -51.7384, 28.1114



103.2360, 45.2397, -90.5380



99.0710, 72.4360, -86.8853

Sweetspot

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



96.0330, -33.0473, 99.9491



213.4300, -12.0440, 36.4569



101.3590, 43.2070, 95.2782



102.8950, -7.3432, 22.0171



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



96.0330, -33.0473, 99.9491



94.4420, -46.5599, 140.8094



148.8630, -59.0925, 53.6171



97.8760, -1.9109, 6.2477



61.9720, -30.5522, 92.9866



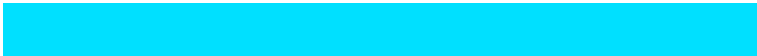
15.1940, -7.4906, 22.6319

Inverse Universe

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



142.9670, 33.0473, -99.9491



160.5580, 46.5599, -140.8094



90.1370, 59.0925, -53.6171



100.5370, 2.2003, -5.7329



106.0280, 30.5522, -92.9866



25.8060, 7.4906, -22.6319

Previews

White Background



This preview shows how the YUV color 96.0330, -33.0473, 99.9491 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 96.0330, -33.0473, 99.9491 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 96.0330, -33.0473, 99.9491

Background



This preview shows how black text looks on a background with the YUV color 96.0330, -33.0473, 99.9491.



This preview shows how white text looks on a background with the YUV color 96.0330, -33.0473,

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

96.0330, -33.0473, 99.9491

Protanopia

109.0210, -32.0554, 14.8906

Deuteranopia

105.2670, -51.8966, 32.2148



Tritanopia

97.2530, -23.2957, 98.8791

Trichromacy



Original Color

96.0330, -33.0473, 99.9491

Protanomaly

104.2190, -32.1530, 46.2889

Deuteranomaly

102.2560, -44.9892, 56.7805

Tritanomaly

96.9280, -27.0795, 99.1641

Monochromacy



Original Color

96.0330, -33.0473, 99.9491

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1310, -11.8966, 35.8421

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.0330, -33.0473, 99.9491 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(210, 51, 29)` looks like.

```
.text, #text, p{  
    color:rgb(210, 51, 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(210, 51, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 51, 29) }
```

Border

The CSS property to change the border of an element to YUV 96.0330, -33.0473, 99.9491 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(210, 51, 29) }
```


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

```
.border{ border-color:rgb(210, 51, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 51, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 51, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 51, 29);  
box-shadow:4px 4px 4px 4px rgb(210, 51,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 96.0330, -33.0473, 99.9491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 51, 29) }
```

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

```
.background{ background-color: rgb(210, 51,  
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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