

Converting Colors

YUV(96.7770, -11.2291,
101.9276)

Have a look what the booklet for
YUV(96.7770, -11.2291, 101.9276)
contains.

YUV(96.7770, -11.2291, 101.9276)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(96.7770, -11.2291,
101.9276)**

Conversions

Conversions Part 1

Format	Color
Hex	D52A4A
RGB	213, 42, 74
RGB Percent	84%, 16%, 29%
CMY	0.1647, 0.8353, 0.7098
CMYK	0.00, 0.80, 0.65, 0.16
HSL	349°, 67%, 50%
HSV	349°, 80%, 84%
XYZ	29.5046, 16.2965, 8.0690
YIQ	96.7770, 91.6440, 46.2040

Conversions

Conversions Part 2

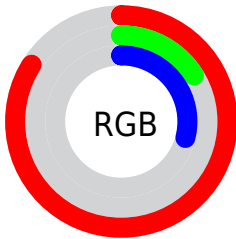
Format	Color
R _Y B	213, 42, 74
Decimal	13969994
CIE Lab	47.36, 65.44, 25.24
CIE LCh	47, 70.137, 21.088
Yxy	16.2965, 0.5477, 0.3025
Android (android.graphics.Color)	4292160074 (0xFFD52A4A)
YUV	96.7770, -11.2291, 101.9276
Hunter-Lab	40.3689, 59.8154, 16.4072

Details

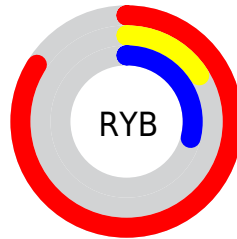
The YUV color **96.7770, -11.2291, 101.9276** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **158.2230, 11.2291, -101.9276**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.7880, -14.6855, 90.5169**, and **48.6830, -8.7177, 89.7320** is the 20% darker color. If you saturate the color by 10%, you get **82.5120, -12.5774, 114.4380**, and if you desaturate by 10%, it is **111.0420, -9.8807, 89.4172**.

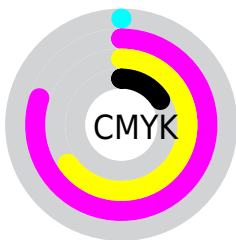
Distribution



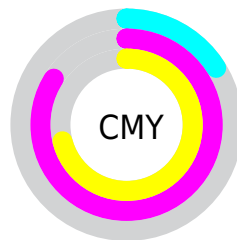
- Red (84%)
- Green (16%)
- Blue (29%)



- Red (84%)
- Yellow (16%)
- Blue (29%)



- Cyan (0%)
- Magenta (80%)
- Yellow (65%)
- Black (16%)





- Cyan (16%)
- Magenta (84%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.7770, -11.2291, 101.9276 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 96.7770, -11.2291, 101.9276 by changing the saturation by 10% instead.


 96.7770, -11.2291,
101.9276


 96.7770, -11.2291,
101.9276


255.0000, 0.0000,
0.0000

 60.3460, -4.1146,
106.6906


 151.7880,
-14.6855, 90.5169

 48.6830, -8.7177,
89.7320


 171.7750,
-11.7211, 72.9883


 36.7920, -14.1945,
72.9734


 191.8760, -8.3199,
55.3597

 26.7250, -12.6824,
54.6152

 211.9770, -4.9187,
37.7312

 18.2820, -7.5340,
36.5867

 232.1920, -1.0807,
20.0026

 6.8770, -3.3904,
14.1399

 252.6520, 1.1576,

 0.0000, 0.0000,

2.0592

0.0000

■ 96.7770, -11.2291,
101.9276

■ 96.7770, -11.2291,
101.9276

■ 82.5120, -12.5774,
114.4380

■ 111.0420, -9.8807,
89.4172

■ 68.2470, -13.9258,
126.9484

■ 126.0080, -8.3849,
76.2920

■ 140.2730, -7.0366,
63.7816

■ 154.5380, -5.6882,
51.2712

■ 169.5040, -4.1925,
38.1460

■ 183.7690, -2.8441,
25.6356

■ 198.0340, -1.4958,
13.1252

■ 212.4130, 0.2894,
0.5148

■ 227.2650, 1.3484,
-12.5104

Harmonies

Analogous

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



99.3610, 16.5840, 94.3994



96.7770, -11.2291, 101.9276



103.3880, -45.0543, 77.7127

Triad

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



96.7770, -11.2291, 101.9276



80.5620, -26.4061, -70.6529



99.5950, 64.2897, -87.3448

Complementary

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



96.7770, -11.2291, 101.9276



158.2230, 11.2291, -101.9276

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.



102.5010, 50.0390, -89.8934



96.7770, -11.2291, 101.9276



90.9070, 0.5388, -79.7254

Square

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



96.7770, -11.2291, 101.9276



100.6170, -49.6042, -3.1721



98.4480, 26.8941, -86.3389



104.5130, 58.9071, -40.7919

Rectangle

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



96.7770, -11.2291, 101.9276



105.3990, -51.9617, 53.1471



98.4480, 26.8941, -86.3389



101.3730, 60.9481, -88.9041

Sweetspot

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



96.7770, -11.2291, 101.9276



213.4930, -4.1870, 36.4016



102.4570, 54.4977, 67.1282



102.7470, -2.8333, 22.1469



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.



96.7770, -11.2291, 101.9276



88.4990, -16.0220, 146.0214



123.0660, -39.9655, 78.8721



99.5170, -0.7479, 6.5626



54.7770, -11.2291, 101.9276



13.7690, -2.8441, 25.6356

Inverse Universe

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



96.7770, -11.2291, 101.9276



88.4990, -16.0220, 146.0214



131.9340, 39.9655, -78.8721



99.5170, -0.7479, 6.5626



54.7770, -11.2291, 101.9276



13.7690, -2.8441, 25.6356

Previews

White Background



This preview shows how the YUV color 96.7770, -11.2291, 101.9276 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 96.7770, -11.2291, 101.9276 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 96.7770, -11.2291, 101.9276

Background



This preview shows how black text looks on a background with the YUV color 96.7770, -11.2291, 101.9276.

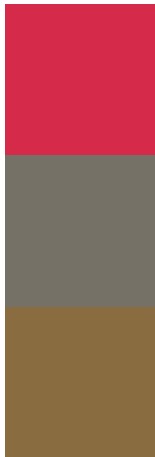


This preview shows how white text looks on a background with the YUV color 96.7770, -11.2291,

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

96.7770, -11.2291, 101.9276

Protanopia

113.3550, -5.1050, 4.0737

Deuteranopia

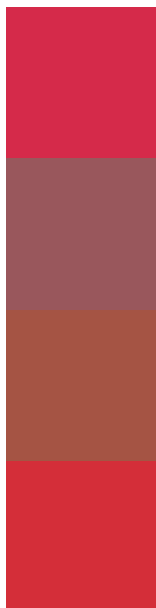
112.0680, -23.2045, 22.7424



Tritanopia

97.0360, -24.1747, 100.8234

Trichromacy



Original Color

96.7770, -11.2291, 101.9276

Protanomaly

107.3040, -7.5449, 40.0754

Deuteranomaly

106.3950, -18.9287, 51.3966

Tritanomaly

96.8880, -19.6648, 100.9532

Monochromacy



Original Color

96.7770, -11.2291, 101.9276

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9060, -3.8977, 36.9164

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.7770, -11.2291, 101.9276 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(213, 42, 74)` looks like.

```
.text, #text, p{  
    color:rgb(213, 42, 74)  
}
```

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(213, 42, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 42, 74) }
```

Border

The CSS property to change the border of an element to YUV 96.7770, -11.2291, 101.9276 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(213, 42, 74) }
```


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

```
.border{ border-color:rgb(213, 42, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 42, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 42, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 42, 74);  
box-shadow:4px 4px 4px 4px rgb(213, 42,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 96.7770, -11.2291, 101.9276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 42, 74) }
```

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

```
.background{ background-color: rgb(213, 42,  
74) }
```

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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