

Converting Colors

YUV(76.0840, -16.8034,
116.5673)

Have a look what the booklet for
YUV(76.0840, -16.8034, 116.5673)
contains.

YUV(76.0840, -16.8034, 116.5673)	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(76.0840, -16.8034,
116.5673)**

Conversions

Conversions Part 1

Format	Color
Hex	D10F2A
RGB	209, 15, 42
RGB Percent	82%, 6%, 16%
CMY	0.1804, 0.9412, 0.8353
CMYK	0.00, 0.93, 0.80, 0.18
HSL	352°, 87%, 44%
HSV	352°, 93%, 82%
XYZ	26.8832, 14.0641, 3.4882
YIQ	76.0840, 106.9570, 49.5250

Conversions

Conversions Part 2

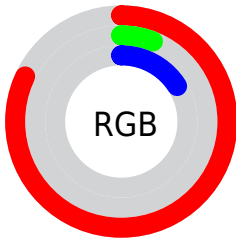
Format	Color
R_{YB}	209, 15, 42
Decimal	13700906
CIE _{Lab}	44.32, 68.19, 40.49
CIE _{LCh}	44, 79.303, 30.700
Yxy	14.0641, 0.6050, 0.3165
Android (android.graphics.Color)	4291890986 (0xFFD10F2A)
YUV	76.0840, -16.8034, 116.5673
Hunter-Lab	37.5022, 62.3280, 20.7367

Details

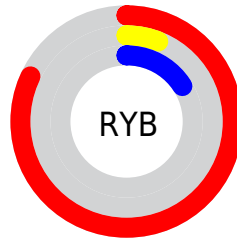
The YUV color **76.0840, -16.8034, 116.5673** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **147.9160, 16.8034, -116.5673**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.6940, -25.4851, 101.1234**, and **43.3550, -21.3740, 89.1427** is the 20% darker color. If you saturate the color by 10%, you get **65.7970, -18.1409, 125.5890**, and if you desaturate by 10%, it is **90.4630, -15.0183, 103.9569**.

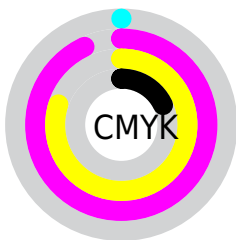
Distribution



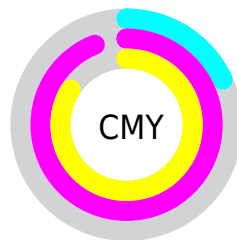
- Red (82%)
- Green (6%)
- Blue (16%)



- Red (82%)
- Yellow (6%)
- Blue (16%)



- Cyan (0%)
- Magenta (93%)
- Yellow (80%)
- Black (18%)





- Cyan (18%)
- Magenta (94%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 76.0840, -16.8034, 116.5673 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 76.0840, -16.8034, 116.5673 by changing the saturation by 10% instead.


 76.0840, -16.8034,
116.5673


 76.0840, -16.8034,
116.5673


255.0000, 0.0000,
0.0000

 55.3170, -16.9183,
106.7160


 139.6940,
-25.4851, 101.1234


 43.3550, -21.3740,
89.1427


 159.5670,
-22.9575, 83.6947


 33.7870, -16.6570,
69.4698


 179.4400,
-20.4299, 66.2661

 25.0450, -11.3612,
50.8265

 200.1280,
-17.3181, 48.1227

 16.0750, -6.9390,
32.3832

 220.2290,
-13.9169, 30.4942

 0.5980, -0.2948,
1.2296

 241.0310,

 0.0000, 0.0000,

-10.3683, 12.2508

0.0000

254.3160, -2.6208,
0.5999

■ 76.0840, -16.8034,
116.5673

■ 76.0840, -16.8034,
116.5673

■ 65.7970, -18.1409,
125.5890

■ 90.4630, -15.0183,
103.9569

■ 104.8420,
-13.2331, 91.3466

■ 119.2210,
-11.4480, 78.7362

■ 133.6000, -9.6628,
66.1258

■ 147.9790, -7.8776,
53.5154

■ 161.7710, -5.8031,
41.4198

■ 176.1500, -4.0179,
28.8095

■ 190.5290, -2.2328,
16.1991

■ 204.9080, -0.4476,
3.5887

Harmonies

Analogous

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



76.0700, 14.7555, 120.9646



76.0840, -16.8034, 116.5673



95.7740, -47.2166, 71.2352

Triad

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



76.0840, -16.8034, 116.5673



78.7840, -23.0645, -69.0936



94.1640, 71.4041, -82.5818

Complementary

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



76.0840, -16.8034, 116.5673



147.9160, 16.8034, -116.5673

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.



99.7430, 59.7797, -87.4746



76.0840, -16.8034, 116.5673



88.8670, 7.9536, -77.9364

Square

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



76.0840, -16.8034, 116.5673



87.1950, -42.9871, -25.6040



96.3910, 36.7822, -84.5349



103.0700, 57.6465, -9.7084

Rectangle

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



76.0840, -16.8034, 116.5673



99.1200, -48.8662, 40.2368



96.3910, 36.7822, -84.5349



97.4580, 68.7942, -85.4707

Sweetspot

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



76.0840, -16.8034, 116.5673



206.3690, -6.0979, 42.6494



86.4510, 60.4167, 82.0425



97.8400, -3.8651, 26.4503



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.



76.0840, -16.8034, 116.5673



80.2350, -22.3009, 153.2689



112.9220, -48.2755, 84.2604



97.5170, -0.7479, 6.5626



52.8540, -14.7180, 100.9830



12.9430, -3.4229, 24.6060

Inverse Universe

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



76.0840, -16.8034, 116.5673



80.2350, -22.3009, 153.2689



111.0780, 48.2755, -84.2604



97.5170, -0.7479, 6.5626



52.8540, -14.7180, 100.9830



12.9430, -3.4229, 24.6060

Previews

White Background



This preview shows how the YUV color 76.0840, -16.8034, 116.5673 looks on a white background.

Color Contrast Check

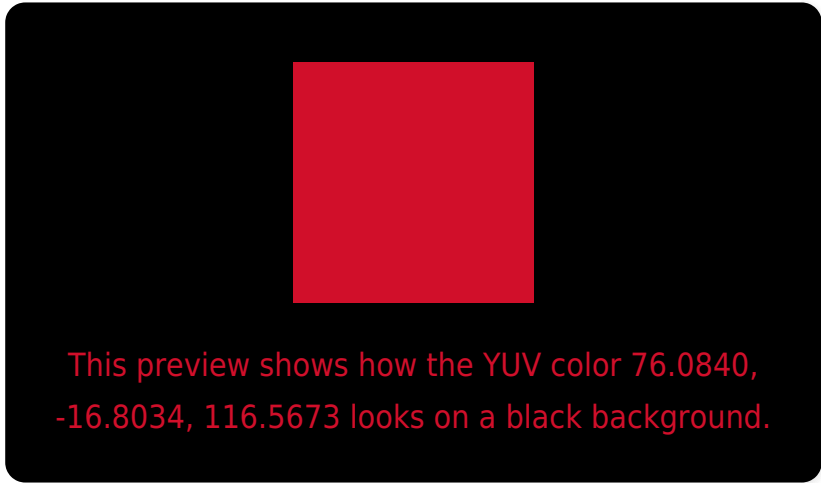
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 76.0840, -16.8034, 116.5673

Background



This preview shows how black text looks on a background with the YUV color 76.0840, -16.8034, 116.5673.



This preview shows how white text looks on a background with the YUV color 76.0840, -16.8034,

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

76.0840, -16.8034, 116.5673

Protanopia

104.2020, -19.8196, 10.3468

Deuteranopia

102.4310, -37.1875, 27.6860



Tritanopia

77.0010, -31.0595, 115.7631

Trichromacy



Original Color

76.0840, -16.8034, 116.5673

Protanomaly

94.0850, -18.7759, 49.0375

Deuteranomaly

92.8770, -30.0124, 59.7439

Tritanomaly

76.3800, -25.8233, 116.3077

Monochromacy



Original Color

76.0840, -16.8034, 116.5673

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.0700, -5.9505, 42.0346

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.0840, -16.8034, 116.5673 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(209, 15, 42)` looks like.

```
.text, #text, p{  
    color:rgb(209, 15, 42)  
}
```

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(209, 15, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 15, 42) }
```

Border

The CSS property to change the border of an element to YUV 76.0840, -16.8034, 116.5673 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(209, 15, 42) }
```


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

```
.border{ border-color:rgb(209, 15, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 15, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 15, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 15, 42);  
box-shadow:4px 4px 4px 4px rgb(209, 15,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 76.0840, -16.8034, 116.5673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 15, 42) }
```

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

```
.background{ background-color: rgb(209, 15,  
42) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor