

Converting Colors

YUV(102.9960, -36.9730,
99.1045)

Have a look what the booklet for
YUV(102.9960, -36.9730, 99.1045)
contains.

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Color

**YUV(102.9960, -36.9730,
99.1045)**

Conversions

Conversions Part 1

Format	Color
Hex	D83C1C
RGB	216, 60, 28
RGB Percent	85%, 24%, 11%
CMY	0.1529, 0.7647, 0.8902
CMYK	0.00, 0.72, 0.87, 0.15
HSL	10°, 77%, 48%
HSV	10°, 87%, 85%
XYZ	30.1444, 17.9145, 2.9677
YIQ	102.9960, 103.2480, 23.1200

Conversions

Conversions Part 2

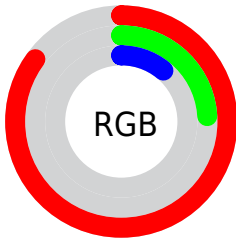
Format	Color
RYB	216, 67, 28
Decimal	14171164
CIELab	49.39, 59.11, 52.56
CIElCh	49, 79.099, 41.639
Yxy	17.9145, 0.5908, 0.3511
Android (android.graphics.Color)	4292361244 (0xFFD83C1C)
YUV	102.9960, -36.9730, 99.1045
Hunter-Lab	42.3255, 53.0586, 25.4707

Details

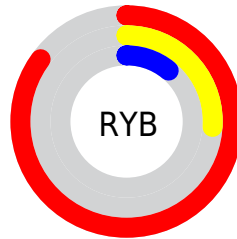
The YUV color **102.9960, -36.9730, 99.1045** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **141.0040, 36.9730, -99.1045**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.7020, -37.8141, 88.8383**, and **45.4480, -22.4059, 93.4461** is the 20% darker color. If you saturate the color by 10%, you get **89.9220, -41.3735, 110.5704**, and if you desaturate by 10%, it is **116.0700, -32.5725, 87.6386**.

Distribution



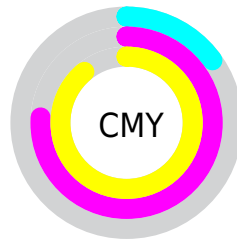
- Red (85%)
- Green (24%)
- Blue (11%)



- Red (85%)
- Yellow (26%)
- Blue (11%)



- Cyan (0%)
- Magenta (72%)
- Yellow (87%)
- Black (15%)



- Cyan (15%)
- Magenta (76%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.9960, -36.9730, 99.1045 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 102.9960, -36.9730, 99.1045 by changing the saturation by 10% instead.

■ 102.9960,
-36.9730, 99.1045

■ 102.9960,
-36.9730, 99.1045

255.0000, 0.0000,
0.0000

■ 69.8050, -33.9209,
100.1490

■ 153.7020,
-37.8141, 88.8383

■ 45.4480, -22.4059,
93.4461

■ 172.9880,
-34.9971, 71.9245

■ 36.1790, -17.8362,
74.3880

■ 192.9750,
-32.0327, 54.3959

■ 26.9100, -13.2666,
55.3299

■ 212.9620,
-29.0683, 36.8673

■ 18.8800, -7.8288,
37.8162

■ 233.0630,
-25.6671, 19.2387

■ 7.8880, -3.3958,
15.8842

■ 249.7560,

■ 0.0000, 0.0000,

-20.0927, 4.5990

0.0000

253.0620, -7.4256,
1.6996

102.9960,
-36.9730, 99.1045

102.9960,
-36.9730, 99.1045

89.9220, -41.3735,
110.5704

116.0700,
-32.5725, 87.6386

86.3030, -42.5474,
113.7443

129.0300,
-28.6088, 76.2727

142.1040,
-24.2083, 64.8068

155.0640,
-20.2446, 53.4409

168.1380,
-15.8440, 41.9750

■ 181.2120,
-11.4435, 30.5091

■ 193.5850, -7.1904,
19.6580

■ 206.6590, -2.7899,
8.1921

■ 219.6190, 1.1738,
-3.1739

Harmonies

Analogous

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



80.1980, 7.2974, 133.1304



102.9960, -36.9730, 99.1045



110.7370, -54.5933, 57.2357

Triad

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



102.9960, -36.9730, 99.1045



92.1490, -9.9335, -80.8147



97.8800, 75.4882, -85.8408

Complementary

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



102.9960, -36.9730, 99.1045



141.0040, 36.9730, -99.1045

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.



108.4630, 67.8057, -95.1221



102.9960, -36.9730, 99.1045



101.4170, 20.5004, -88.9427

Square

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



102.9960, -36.9730, 99.1045



87.9050, -43.3372, -53.4137



108.0120, 48.3081, -94.7265



118.8250, 49.3863, 26.4635

Rectangle

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



102.9960, -36.9730, 99.1045



109.9520, -54.2063, 26.3521



108.0120, 48.3081, -94.7265



102.9180, 74.4834, -90.2591

Sweetspot

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



102.9960, -36.9730, 99.1045



215.1910, -12.9122, 34.9125



102.1100, 40.8648, 99.8815



104.0690, -7.9220, 20.9875



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.



102.9960, -36.9730, 99.1045



101.4860, -50.0326, 134.6318



157.5870, -63.8864, 51.2282



100.4630, -2.2003, 5.7329



68.1520, -33.5989, 90.1977



16.9660, -8.3642, 22.8318

Inverse Universe

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



141.0040, 36.9730, -99.1045



153.5140, 50.0326, -134.6318



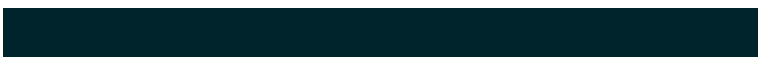
86.4130, 63.8864, -51.2282



102.5370, 2.2003, -5.7329



102.8480, 33.5989, -90.1977



26.0340, 8.3642, -22.8318

Previews

White Background



This preview shows how the YUV color 102.9960, -36.9730, 99.1045 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 102.9960, -36.9730, 99.1045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

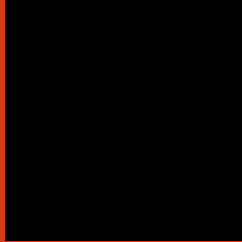
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 102.9960, -36.9730, 99.1045

Background



This preview shows how black text looks on a background with the YUV color 102.9960, -36.9730, 99.1045.



This preview shows how white text looks on a background with the YUV color 102.9960, -36.9730,

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

102.9960, -36.9730, 99.1045

Protanopia

113.5220, -35.2603, 16.2052

Deuteranopia

110.2950, -54.3754, 33.9443



Tritanopia

105.0680, -22.7115, 98.1644

Trichromacy



Original Color

102.9960, -36.9730, 99.1045

Protanomaly

109.8940, -35.9367, 46.5740

Deuteranomaly

107.4580, -48.0468, 57.4803

Tritanomaly

104.4010, -27.8057, 98.7493

Monochromacy



Original Color

102.9960, -36.9730, 99.1045

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.7890, -13.2070, 36.1420

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.9960, -36.9730, 99.1045 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(216, 60, 28)` looks like.

```
.text, #text, p{  
    color:rgb(216, 60, 28)  
}
```

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(216, 60, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 60, 28) }
```

Border

The CSS property to change the border of an element to YUV 102.9960, -36.9730, 99.1045 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(216, 60, 28) }
```


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

```
.border{ border-color:rgb(216, 60, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 60, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 60, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 60, 28);  
box-shadow:4px 4px 4px 4px rgb(216, 60,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 102.9960, -36.9730, 99.1045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 60, 28) }
```

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

```
.background{ background-color: rgb(216, 60,  
28) }
```

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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