

Converting Colors

YUV(72.0730, -0.0360,
105.1760)

Have a look what the booklet for
YUV(72.0730, -0.0360, 105.1760)
contains.

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Color

**YUV(72.0730, -0.0360,
105.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	C00B48
RGB	192, 11, 72
RGB Percent	75%, 4%, 28%
CMY	0.2471, 0.9569, 0.7176
CMYK	0.00, 0.94, 0.62, 0.25
HSL	340°, 89%, 40%
HSV	340°, 94%, 75%
XYZ	23.0276, 11.9137, 7.2168
YIQ	72.0730, 88.2950, 57.3430

Conversions

Conversions Part 2

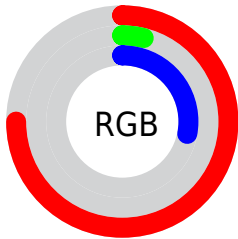
Format	Color
RYB	192, 11, 72
Decimal	12585800
CIELab	41.08, 65.67, 17.47
CIElCh	41, 67.958, 14.898
Yxy	11.9137, 0.5462, 0.2826
Android (android.graphics.Color)	4290775880 (0xFFC00B48)
YUV	72.0730, -0.0360, 105.1760
Hunter-Lab	34.5162, 58.6834, 11.7648

Details

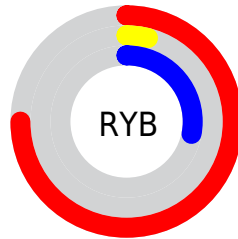
The YUV color **72.0730, -0.0360, 105.1760** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **130.9270, 0.0360, -105.1760**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.9940, -10.3500, 99.9833**, and **42.4750, -6.6432, 77.6364** is the 20% darker color. If you saturate the color by 10%, you get **64.8180, 0.0897, 111.5386**, and if you desaturate by 10%, it is **84.7080, 0.1440, 94.0951**.

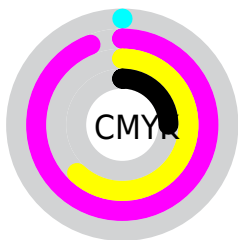
Distribution



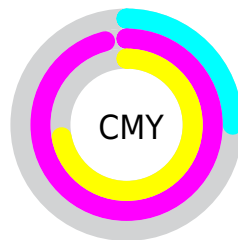
- Red (75%)
- Green (4%)
- Blue (28%)



- Red (75%)
- Yellow (4%)
- Blue (28%)



- Cyan (0%)
- Magenta (94%)
- Yellow (62%)
- Black (25%)



- Cyan (25%)
- Magenta (96%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.0730, -0.0360, 105.1760 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 72.0730, -0.0360, 105.1760 by changing the saturation by 10% instead.

72.0730, -0.0360,
105.1760

72.0730, -0.0360,
105.1760

255.0000, 0.0000,
0.0000

53.8390, -1.8926,
93.9802

140.9940,
-10.3500, 99.9833

42.4750, -6.6432,
77.6364

160.9810, -7.3856,
82.4547

30.6550, -13.1409,
61.6926

180.9680, -4.4212,
64.9261

21.8700, -9.3029,
43.9640

201.0690, -1.0200,
47.2975

12.0740, -5.4595,
24.4911

221.2840, 2.8180,
29.5689

0.0000, 0.0000,
0.0000

242.0860, 6.3666,

11.3256

■ 72.0730, -0.0360,
105.1760

■ 72.0730, -0.0360,
105.1760

■ 64.8180, 0.0897,
111.5386

■ 84.7080, 0.1440,
94.0951

■ 97.2290, -0.1129,
83.1142

■ 110.4510, -0.2223,
71.5185

■ 123.0860, -0.0424,
60.4376

■ 135.7210, 0.1375,
49.3567

■ 148.2420, -0.1193,
38.3758

■ 160.8770, 0.0606,
27.2949

■ 174.0990, -0.0488,
15.6992

■ 186.7340, 0.1311,
4.6183

Harmonies

Analogous

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



82.3860, 21.9947, 85.6075



72.0730, -0.0360, 105.1760



86.0320, -35.0188, 78.9019

Triad

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



72.0730, -0.0360, 105.1760



66.9180, -32.9906, -58.6871



89.2280, 57.5686, -78.2530

Complementary

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



72.0730, -0.0360, 105.1760



130.9270, 0.0360, -105.1760

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.



89.8030, 42.0021, -78.7572



72.0730, -0.0360, 105.1760



77.3770, -5.6089, -67.8596

Square

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



72.0730, -0.0360, 105.1760



88.2680, -43.5161, 4.1500



84.5760, 19.4360, -74.1732



79.2490, 62.4882, -69.5014

Rectangle

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



72.0730, -0.0360, 105.1760



90.0710, -44.4050, 56.0657



84.5760, 19.4360, -74.1732



90.1910, 53.6428, -79.0975

Sweetspot

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



72.0730, -0.0360, 105.1760



203.6660, 0.1647, 40.6349



66.9160, 61.6664, 54.4477



96.5670, 0.2135, 24.9357



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



72.0730, -0.0360, 105.1760



84.3260, -0.1607, 145.2961



80.9680, -34.4942, 97.3751



90.3320, -0.1637, 5.8478



54.2950, -0.1454, 93.5803



11.1210, -0.0597, 19.1879

Inverse Universe

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



72.0730, -0.0360, 105.1760



84.3260, -0.1607, 145.2961



122.0320, 34.4942, -97.3751



90.3320, -0.1637, 5.8478



54.2950, -0.1454, 93.5803



11.1210, -0.0597, 19.1879

Previews

White Background



This preview shows how the YUV color 72.0730, -0.0360, 105.1760 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 72.0730, -0.0360, 105.1760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

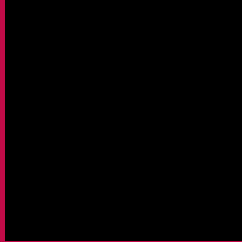
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.0730, -0.0360, 105.1760

Background



This preview shows how black text looks on a background with the YUV color 72.0730, -0.0360, 105.1760.



This preview shows how white text looks on a background with the YUV color 72.0730, -0.0360,

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

72.0730, -0.0360, 105.1760

Protanopia

99.0970, 2.9102, -0.0851

Deuteranopia

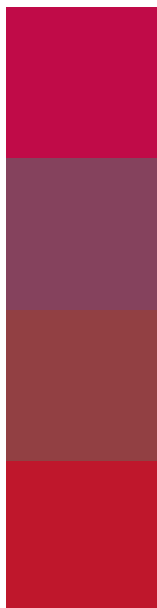
98.0550, -16.7891, 18.3688



Tritanopia

77.9110, -24.6061, 99.1791

Trichromacy



Original Color

72.0730, -0.0360, 105.1760

Protanomaly

89.1110, 1.9173, 38.4907

Deuteranomaly

88.8600, -10.7770, 50.1118

Tritanomaly

75.6260, -15.5916, 101.1830

Monochromacy



Original Color

72.0730, -0.0360, 105.1760

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.2420, -0.1193, 38.3758

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.0730, -0.0360, 105.1760 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(192, 11, 72)` looks like.

```
.text, #text, p{  
    color:rgb(192, 11, 72)  
}
```

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(192, 11, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 11, 72) }
```

Border

The CSS property to change the border of an element to YUV 72.0730, -0.0360, 105.1760 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(192, 11, 72) }
```


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

```
.border{ border-color:rgb(192, 11, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 11, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 11, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 11, 72);  
box-shadow:4px 4px 4px 4px rgb(192, 11,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 72.0730, -0.0360, 105.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 11, 72) }
```

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

```
.background{ background-color: rgb(192, 11,  
72) }
```

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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