

Converting Colors

YUV(72.1390, -10.4215,
76.1771)

Have a look what the booklet for
YUV(72.1390, -10.4215, 76.1771)
contains.

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Color

**YUV(72.1390, -10.4215,
76.1771)**

Conversions

Conversions Part 1

Format	Color
Hex	9F2033
RGB	159, 32, 51
RGB Percent	62%, 13%, 20%
CMY	0.3765, 0.8745, 0.8000
CMYK	0.00, 0.80, 0.68, 0.38
HSL	351°, 66%, 37%
HSV	351°, 80%, 62%
XYZ	15.4121, 8.6430, 3.9879
YIQ	72.1390, 69.5930, 32.8330

Conversions

Conversions Part 2

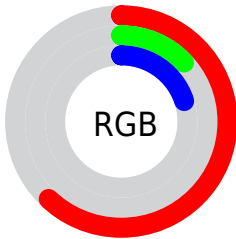
Format	Color
R_{YB}	159, 32, 51
Decimal	10428467
CIE _{Lab}	35.29, 51.59, 22.01
CIE _{LCh}	35, 56.085, 23.104
Yxy	8.6430, 0.5496, 0.3082
Android (android.graphics.Color)	4288618547 (0xFF9F2033)
YUV	72.1390, -10.4215, 76.1771
Hunter-Lab	29.3989, 42.1289, 12.5367

Details

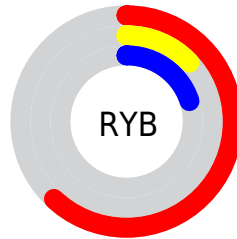
The YUV color **72.1390, -10.4215, 76.1771** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **118.8610, 10.4215, -76.1771**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.0810, -15.8159, 79.7360**, and **30.5840, -12.1199, 60.8778** is the 20% darker color. If you saturate the color by 10%, you get **61.1510, -11.9064, 85.8136**, and if you desaturate by 10%, it is **83.1270, -8.9366, 66.5406**.

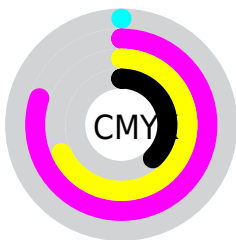
Distribution



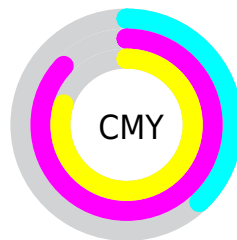
- Red (62%)
- Green (13%)
- Blue (20%)



- Red (62%)
- Yellow (13%)
- Blue (20%)



- Cyan (0%)
- Magenta (80%)
- Yellow (68%)
- Black (38%)





- Cyan (38%)
- Magenta (87%)
- Yellow (80%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 72.1390, -10.4215, 76.1771 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 72.1390, -10.4215, 76.1771 by changing the saturation by 10% instead.


 72.1390, -10.4215,
76.1771


 72.1390, -10.4215,
76.1771


255.0000, 0.0000,
0.0000

 41.9910, -5.9116,
76.3069


 129.0810,
-15.8159, 79.7360


 30.5840, -12.1199,
60.8778

 157.3370,
-17.4211, 81.2655

 21.2290, -10.4659,
43.6492

 177.6450,
-14.6150, 67.8403

 13.2700, -6.0491,
26.9502

 197.0450,
-11.3612, 50.8265

 0.0000, 0.0000,
0.0000

 216.6730, -7.2338,
33.6128

 236.8880, -3.3958,

15.8842

■ 72.1390, -10.4215,
76.1771

■ 72.1390, -10.4215,
76.1771

■ 61.1510, -11.9064,
85.8136

■ 83.1270, -8.9366,
66.5406

■ 50.2770, -12.9546,
95.3501

■ 94.0010, -7.8885,
57.0041

■ 104.9890, -6.4036,
47.3676

■ 115.8630, -5.3555,
37.8311

■ 126.8510, -3.8705,
28.1947

■ 137.1380, -2.5330,
19.1730

■ 148.1260, -1.0481,
9.5365

■ 159.0000, 0.0000,
0.0000

■ 169.9880, 1.4849,
-9.6365

Harmonies

Analogous

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



73.3230, 10.6868, 72.5077



72.1390, -10.4215, 76.1771



76.3730, -35.6799, 57.5549

Triad

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



72.1390, -10.4215, 76.1771



60.1480, -18.3140, -52.7498



73.7260, 48.9421, -64.6577

Complementary

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



72.1390, -10.4215, 76.1771



118.8610, 10.4215, -76.1771

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.



76.3700, 38.7646, -66.9765



72.1390, -10.4215, 76.1771



67.9680, 1.4948, -59.6079

Square

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



72.1390, -10.4215, 76.1771



73.7490, -36.3583, -5.0419



73.2120, 21.5875, -64.2069



79.0840, 42.8496, -23.7527

Rectangle

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



72.1390, -10.4215, 76.1771



78.1550, -38.5304, 38.4521



73.2120, 21.5875, -64.2069



75.0310, 46.3267, -65.8022

Sweetspot

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



72.1390, -10.4215, 76.1771



172.7480, -4.3128, 30.0390



78.7700, 39.5534, 53.6987



83.8390, -2.3856, 18.5582



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



72.1390, -10.4215, 76.1771



70.9210, -16.2301, 119.3413



95.8010, -31.4539, 55.4255



73.5060, -0.7425, 4.8182



45.1510, -11.9064, 85.8136



4.7130, -1.3375, 9.0217

Inverse Universe

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



72.1390, -10.4215, 76.1771



70.9210, -16.2301, 119.3413



95.1990, 31.4539, -55.4255



73.5060, -0.7425, 4.8182



45.1510, -11.9064, 85.8136



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 72.1390, -10.4215, 76.1771 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 72.1390, -10.4215, 76.1771

Background



This preview shows how black text looks on a background with the YUV color 72.1390, -10.4215, 76.1771.



This preview shows how white text looks on a background with the YUV color 72.1390, -10.4215,

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

72.1390, -10.4215, 76.1771

Protanopia

84.0130, -6.4154, 4.3736

Deuteranopia

83.0720, -19.2625, 18.3539



Tritanopia

71.8910, -17.6943, 75.5176

Trichromacy



Original Color

72.1390, -10.4215, 76.1771

Protanomaly

79.5370, -7.6597, 30.2241

Deuteranomaly

79.4150, -15.9806, 39.1010

Tritanomaly

71.8740, -15.2209, 75.5325

Monochromacy



Original Color

72.1390, -10.4215, 76.1771

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.8510, -3.8705, 28.1947

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.1390, -10.4215, 76.1771 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(159, 32, 51)` looks like.

```
.text, #text, p{  
    color:rgb(159, 32, 51)  
}
```

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(159, 32, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 32, 51) }
```

Border

The CSS property to change the border of an element to YUV 72.1390, -10.4215, 76.1771 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(159, 32, 51) }
```


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

```
.border{ border-color:rgb(159, 32, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 32, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 32, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 32, 51);  
box-shadow:4px 4px 4px 4px rgb(159, 32,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 72.1390, -10.4215, 76.1771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 32, 51) }
```

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

```
.background{ background-color: rgb(159, 32,  
51) }
```

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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