

Converting Colors

YUV(76.4640, -3.1868, 89.0471)

Have a look what the booklet for
YUV(76.4640, -3.1868, 89.0471)
contains.

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Color

**YUV(76.4640, -3.1868,
89.0471)**

Conversions

Conversions Part 1

Format	Color
Hex	B21A46
RGB	178, 26, 70
RGB Percent	70%, 10%, 27%
CMY	0.3020, 0.8980, 0.7255
CMYK	0.00, 0.85, 0.61, 0.30
HSL	343°, 75%, 40%
HSV	343°, 85%, 70%
XYZ	19.8350, 10.6460, 6.8038
YIQ	76.4640, 76.4680, 45.9080

Conversions

Conversions Part 2

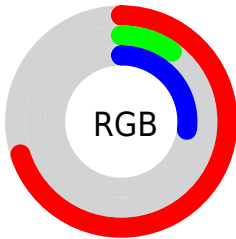
Format	Color
R _Y B	178, 26, 70
Decimal	11672134
CIE Lab	38.98, 59.60, 15.42
CIE LCh	39, 61.566, 14.509
Yxy	10.6460, 0.5320, 0.2855
Android (android.graphics.Color)	4289862214 (0xFFB21A46)
YUV	76.4640, -3.1868, 89.0471
Hunter-Lab	32.6282, 51.4127, 10.4762

Details

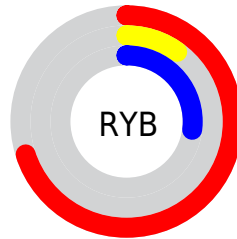
The YUV color **76.4640, -3.1868, 89.0471** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **127.5360, 3.1868, -89.0471**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.7430, -9.7333, 88.8024**, and **38.4740, -5.1637, 69.7443** is the 20% darker color. If you saturate the color by 10%, you get **64.4160, -3.6561, 99.6132**, and if you desaturate by 10%, it is **88.5120, -2.7174, 78.4810**.

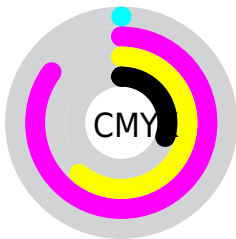
Distribution



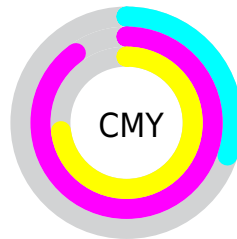
- Red (70%)
- Green (10%)
- Blue (27%)



- Red (70%)
- Yellow (10%)
- Blue (27%)



- Cyan (0%)
- Magenta (85%)
- Yellow (61%)
- Black (30%)



- Cyan (30%)
- Magenta (90%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.4640, -3.1868, 89.0471 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 76.4640, -3.1868, 89.0471 by changing the saturation by 10% instead.

■ 76.4640, -3.1868,
89.0471

■ 76.4640, -3.1868,
89.0471

255.0000, 0.0000,
0.0000

■ 49.7240, -0.8499,
86.1881

■ 137.7430, -9.7333,
88.8024

■ 38.4740, -5.1637,
69.7443

■ 161.8130, -9.2748,
81.7250

■ 26.6110, -13.1192,
54.7152

■ 181.3270, -5.5842,
64.6112

■ 18.5810, -7.6814,
37.2015

■ 201.4280, -2.1830,
46.9826

■ 7.5890, -3.2484,
15.2694

■ 221.0560, 1.9444,
29.7689

■ 0.0000, 0.0000,
0.0000

■ 241.9720, 5.9298,

11.4256

■ 76.4640, -3.1868,
89.0471

■ 76.4640, -3.1868,
89.0471

■ 64.4160, -3.6561,
99.6132

■ 88.5120, -2.7174,
78.4810

■ 59.1500, -3.5249,
104.2314

■ 100.4460, -2.6849,
68.0149

■ 111.9070, -1.9262,
57.9636

■ 123.9550, -1.4568,
47.3975

■ 135.8890, -1.4243,
36.9313

■ 147.9370, -0.9549,
26.3653

■ 159.9850, -0.4856,
15.7992

■ 171.3320, -0.1637,
5.8478

■ 183.3800, 0.3057,
-4.7183

Harmonies

Analogous

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



83.5710, 17.9595, 73.1672



76.4640, -3.1868, 89.0471



83.1280, -30.6291, 70.9247

Triad

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



76.4640, -3.1868, 89.0471



68.9030, -33.4762, -42.8879



83.1810, 52.1688, -72.9497

Complementary

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



76.4640, -3.1868, 89.0471



127.5360, 3.1868, -89.0471

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.



84.2120, 38.3495, -73.8539



76.4640, -3.1868, 89.0471



72.9260, -4.8935, -63.9561

Square

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



76.4640, -3.1868, 89.0471



83.8490, -41.3376, 5.3944



79.5550, 17.9674, -69.7697



74.4900, 56.9464, -65.3277

Rectangle

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



76.4640, -3.1868, 89.0471



85.6190, -42.2102, 52.0771



79.5550, 17.9674, -69.7697



84.2580, 48.6798, -73.8943

Sweetspot

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



76.4640, -3.1868, 89.0471



191.8780, -1.4189, 35.1870



75.0220, 50.7682, 49.9697



92.9040, -0.9387, 21.1322



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



76.4640, -3.1868, 89.0471



77.0060, -4.9330, 135.9297



89.0580, -31.0876, 78.0021



83.0330, -0.0163, 5.2331



50.7630, -3.3342, 89.6618



8.5720, -0.7750, 15.2844

Inverse Universe

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



76.4640, -3.1868, 89.0471



77.0060, -4.9330, 135.9297



114.9420, 31.0876, -78.0021



83.0330, -0.0163, 5.2331



50.7630, -3.3342, 89.6618



8.5720, -0.7750, 15.2844

Previews

White Background



This preview shows how the YUV color 76.4640, -3.1868, 89.0471 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 76.4640, -3.1868, 89.0471 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 76.4640, -3.1868, 89.0471

Background



This preview shows how black text looks on a background with the YUV color 76.4640, -3.1868, 89.0471.



This preview shows how white text looks on a background with the YUV color 76.4640, -3.1868,

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

76.4640, -3.1868, 89.0471

Protanopia

93.6840, 2.6208, -0.5999

Deuteranopia

92.9130, -14.7471, 16.7393



Tritanopia

78.1590, -20.7844, 86.6836

Trichromacy



Original Color

76.4640, -3.1868, 89.0471

Protanomaly

87.6110, 0.1918, 31.9132

Deuteranomaly

86.9300, -10.3185, 43.0344

Tritanomaly

77.1790, -14.3852, 87.5430

Monochromacy



Original Color

76.4640, -3.1868, 89.0471

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.2690, -1.1186, 32.2131

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.4640, -3.1868, 89.0471 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(178, 26, 70)` looks like.

```
.text, #text, p{  
    color:rgb(178, 26, 70)  
}
```

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(178, 26, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 26, 70) }
```

Border

The CSS property to change the border of an element to YUV 76.4640, -3.1868, 89.0471 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(178, 26, 70) }
```


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

```
.border{ border-color:rgb(178, 26, 70) }
```

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

Here you see how a box with a 4 pixel rgb(178, 26, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 26, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 26, 70);  
box-shadow:4px 4px 4px 4px rgb(178, 26,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 76.4640, -3.1868, 89.0471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 26, 70) }
```

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

```
.background{ background-color: rgb(178, 26,  
70) }
```

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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