

Converting Colors

YUV(66.3960, 60.4438, 73.3207)

Have a look what the booklet for
YUV(66.3960, 60.4438, 73.3207)
contains.

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Color

**YUV(66.3960, 60.4438,
73.3207)**

Conversions

Conversions Part 1

Format	Color
Hex	9600BD
RGB	150, 0, 189
RGB Percent	59%, 0%, 74%
CMY	0.4118, 1.0000, 0.2588
CMYK	0.21, 1.00, 0.00, 0.26
HSL	288°, 100%, 37%
HSV	288°, 100%, 74%
XYZ	21.7630, 10.1582, 48.9578
YIQ	66.3960, 28.7310, 90.5790

Conversions

Conversions Part 2

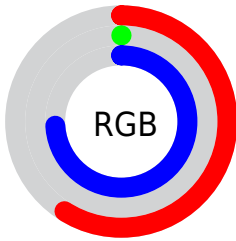
Format	Color
R_{YB}	150, 0, 189
Decimal	9830589
CIE _{Lab}	38.12, 72.59, -59.90
CIE _{LCh}	38, 94.116, 320.471
Yxy	10.1582, 0.2691, 0.1256
Android (android.graphics.Color)	4288020669 (0xFF9600BD)
YUV	66.3960, 60.4438, 73.3207
Hunter-Lab	31.8719, 66.1090, -68.7640

Details

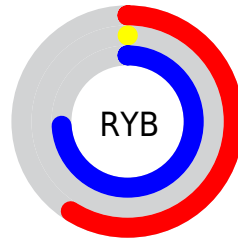
The YUV color **66.3960, 60.4438, 73.3207** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **122.6040, -60.4438, -73.3207**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.0820, 53.2036, 62.1951**, and **43.0830, 44.8221, 43.7772** is the 20% darker color. If you saturate the color by 10%, you get **66.3960, 60.4438, 73.3207**, and if you desaturate by 10%, it is **78.7450, 54.3557, 65.9986**.

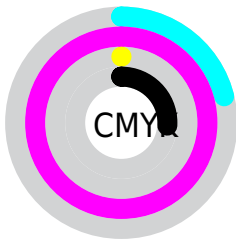
Distribution



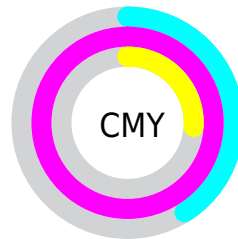
- Red (59%)
- Green (0%)
- Blue (74%)



- Red (59%)
- Yellow (0%)
- Blue (74%)



- Cyan (21%)
- Magenta (100%)
- Yellow (0%)
- Black (26%)



- Cyan (41%)
- Magenta (100%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.3960, 60.4438, 73.3207 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 66.3960, 60.4438, 73.3207 by changing the saturation by 10% instead.

66.3960, 60.4438,
73.3207

66.3960, 60.4438,
73.3207

255.0000, 0.0000,
0.0000

54.5330, 52.4882,
58.2916

138.0820, 53.2036,
62.1951

43.0830, 44.8221,
43.7772

165.1010, 44.3202,
64.8094

31.4480, 37.7401,
28.5481

186.9080, 33.5694,
59.7167

20.2260, 30.9476,
13.8338

203.9310, 25.1770,
44.7875

6.7260, 25.7711,
-5.8987

220.9540, 16.7847,
29.8583

5.2780, 15.1459,
-4.6288

237.9770, 8.3923,

1.3680, 5.2416,

14.9292

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 66.3960, 60.4438,
73.3207

■ 78.7450, 54.3557,
65.9986

■ 91.0940, 48.2677,
58.6766

■ 103.4430, 42.1796,
51.3545

■ 115.7920, 36.0915,
44.0324

■ 127.8420, 30.1509,
36.0956

■ 139.6040, 24.3522,
29.2883

■ 151.9530, 18.2642,
21.9662

■ 164.3020, 12.1761,
14.6441

■ 176.6510, 6.0881,
7.3221

Harmonies

Analogous

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



75.1520, 79.7911, -65.9083



66.3960, 60.4438, 73.3207



74.7470, 21.3237, 114.2319

Triad

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



66.3960, 60.4438, 73.3207



84.6560, -41.7354, 39.7667



84.8670, 28.1666, -74.4284

Complementary

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



66.3960, 60.4438, 73.3207



122.6040, -60.4438, -73.3207

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.



74.5730, -6.1985, -65.4005



66.3960, 60.4438, 73.3207



76.6290, -37.7781, -16.3376

Square

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



66.3960, 60.4438, 73.3207



62.9240, -31.0215, 103.5527



65.1570, -32.1224, -57.1427



92.5050, 57.4320, -81.1269

Rectangle

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



66.3960, 60.4438, 73.3207



71.4390, -1.6954, 124.1490



65.1570, -32.1224, -57.1427



81.9030, 16.8098, -71.8289

Sweetspot

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



66.3960, 60.4438, 73.3207



197.0770, 23.6260, 28.8735



45.6130, 70.6898, -40.0026



93.4810, 14.0599, 17.1182



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



66.3960, 60.4438, 73.3207



85.9360, 78.4186, 94.7721



71.9010, 31.1078, 102.6958



88.1190, 2.8993, 3.4036



55.3870, 50.5882, 61.0506



10.7100, 10.0030, 11.6553

Inverse Universe

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



60.9570, -10.8248, 112.2937



79.0690, -13.8380, 145.5215



117.0990, -31.1078, -102.6958



87.9190, -0.4531, 5.3330



51.0040, -8.8760, 93.8355



9.9530, -1.9488, 18.4582

Previews

White Background



This preview shows how the YUV color 66.3960, 60.4438, 73.3207 looks on a white background.

Color Contrast Check

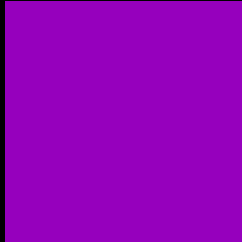
Large Text (above 18pt) WCAG AA ✓ Pass

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 66.3960, 60.4438, 73.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

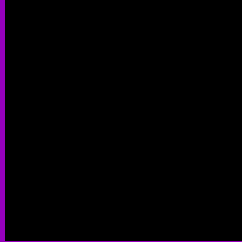
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.3960, 60.4438, 73.3207

Background



This preview shows how black text looks on a background with the YUV color 66.3960, 60.4438, 73.3207.



This preview shows how white text looks on a background with the YUV color 66.3960, 60.4438,

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



Protanopia

73.6750, 56.3622, -64.6130

Deuteranopia

73.8740, 44.4321, -64.7875

Tritanopia

92.5100, -6.6604, 36.3867

Trichromacy



Protanomaly

71.3360, 57.5154, -14.3267

Deuteranomaly

71.3870, 50.0952, -14.3714

Tritanomaly

83.0150, 17.7406, 49.9758

Monochromacy



Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.3110, 22.0317, 26.9143

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.3960, 60.4438, 73.3207 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(150, 0, 189)` looks like.

```
.text, #text, p{  
    color:rgb(150, 0, 189)  
}
```

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(150, 0, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 0, 189) }
```

Border

The CSS property to change the border of an element to YUV 66.3960, 60.4438, 73.3207 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(150, 0, 189) }
```

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

```
.border{ border-color:rgb(150, 0, 189) }
```

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

Here you see how a box with a 4 pixel rgb(150, 0, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 0, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 0, 189);  
box-shadow:4px 4px 4px 4px rgb(150, 0,  
189) }
```


Background

The CSS property to change the background color of an element to YUV 66.3960, 60.4438, 73.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 0, 189) }
```

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

```
.background{ background-color: rgb(150, 0,  
189) }
```

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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