

Converting Colors

YUV(103.6190, 74.6308,
-90.8739)

Have a look what the booklet for
YUV(103.6190, 74.6308, -90.8739)
contains.

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Color

**YUV(103.6190, 74.6308,
-90.8739)**

Conversions

Conversions Part 1

Format	Color
Hex	007FFF
RGB	0, 127, 255
RGB Percent	0%, 50%, 100%
CMY	1.0000, 0.5020, 0.0000
CMYK	1.00, 0.50, 0.00, 0.00
HSL	210°, 100%, 50%
HSV	210°, 100%, 100%
XYZ	25.6394, 22.3987, 97.5798
YIQ	103.6190, -116.7800, 12.8840

Conversions

Conversions Part 2

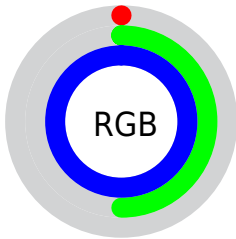
Format	Color
R _{YB}	0, 85, 255
Decimal	32767
CIE _{Lab}	54.45, 19.41, -71.36
CIE _{LCh}	54, 73.957, 285.219
Yxy	22.3987, 0.1761, 0.1538
Android (android.graphics.Color)	4278222847 (0xFF007FFF)
YUV	103.6190, 74.6308, -90.8739
Hunter-Lab	47.3273, 13.8788, -89.1154

Details

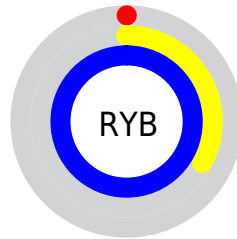
The YUV color **103.6190, 74.6308, -90.8739** is a dark color, and the websafe version is hex **0066CC**, and the color name is **azure**. The color can be described as dark saturated azure. A complement of this color would be **151.3810, -74.6308, 90.8739**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6310, 43.0729, -48.7884**, and **68.8310, 63.1873, -60.3648** is the 20% darker color. If you saturate the color by 10%, you get **103.6190, 74.6308, -90.8739**, and if you desaturate by 10%, it is **118.7250, 67.1836, -82.1968**.

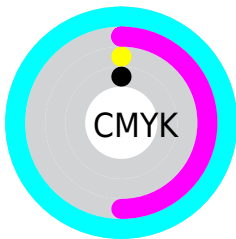
Distribution



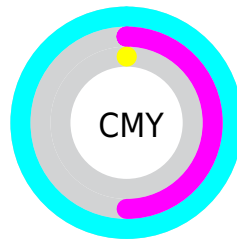
- Red (0%)
- Green (50%)
- Blue (100%)



- Red (0%)
- Yellow (33%)
- Blue (100%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.6190, 74.6308, -90.8739 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 103.6190, 74.6308, -90.8739 by changing the saturation by 10% instead.

■ 103.6190, 74.6308,
-90.8739

■ 103.6190, 74.6308,
-90.8739

255.0000, 0.0000,
0.0000

■ 86.2250, 68.9091,
-75.6193

■ 167.6310, 43.0729,
-48.7884

■ 68.8310, 63.1873,
-60.3648

■ 193.9450, 30.1001,
-41.1708

■ 53.3120, 57.0342,
-46.7546

■ 219.9490, 17.2801,
-35.9123

■ 38.4940, 51.0285,
-33.7592

■ 241.8440, 6.4859,
-27.0502

■ 24.9640, 44.8807,
-21.8934

■ 251.4120, 1.7689,
-7.3773

■ 17.8910, 35.5497,
-15.6904

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 103.6190, 74.6308,
-90.8739

■ 118.7250, 67.1836,
-82.1968

■ 134.1300, 59.5889,
-72.9050

■ 148.9480, 52.2836,
-63.0984

■ 164.0540, 44.8364,
-54.4214

■ 179.4590, 37.2417,
-45.1295

■ 194.5650, 29.7945,
-36.4525

■ 209.9700, 22.1998,
-27.1607

■ 224.4890, 15.0419,
-17.9689

■ 239.8940, 7.4473,
-8.6770

Harmonies

Analogous

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



115.3590, 68.8430, -101.1698



103.6190, 74.6308, -90.8739



132.9740, 43.3968, 34.2258

Triad

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



103.6190, 74.6308, -90.8739



121.3170, -40.5823, 90.0530



102.4020, -3.6492, -89.8066

Complementary

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



103.6190, 74.6308, -90.8739



151.3810, -74.6308, 90.8739

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.



103.3440, -39.1166, -53.7987



103.6190, 74.6308, -90.8739



122.8090, -60.5448, 52.7875

Square

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



103.6190, 74.6308, -90.8739



115.8580, -7.3250, 109.7495



118.3920, -58.3673, 7.5492



111.2140, 25.0375, -97.5347

Rectangle

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



103.6190, 74.6308, -90.8739



127.3400, 28.4264, 76.0008



118.3920, -58.3673, 7.5492



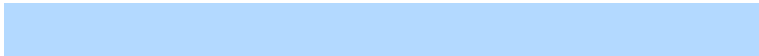
99.3070, -12.9694, -87.0922

Sweetspot

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



103.6190, 74.6308, -90.8739



209.9700, 22.1998, -27.1607



164.2770, -17.8846, -144.0709



100.1580, 13.7261, -15.9246



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.



103.6190, 74.6308, -90.8739



29.0700, 111.3835, -25.4944



120.0040, 3.9420, -4.3885



77.5390, 55.9363, -68.0017



26.0800, 18.6946, -22.8722

Inverse Universe

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



90.7230, 17.8846, 144.0709



225.9300, -111.3835, 25.4944



119.5710, 0.7045, 7.3922



67.9390, 13.3411, 107.9245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 103.6190, 74.6308, -90.8739 looks on a white 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

Black Background



This preview shows how the YUV color 103.6190, 74.6308, -90.8739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

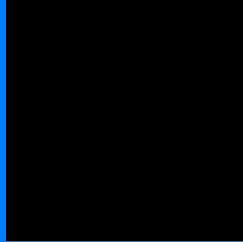
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

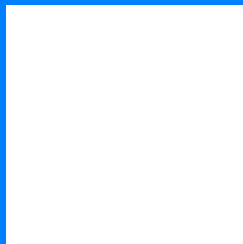
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 103.6190, 74.6308, -90.8739

Background



This preview shows how black text looks on a background with the YUV color 103.6190, 74.6308, -90.8739.



This preview shows how white text looks on a background with the YUV color 103.6190, 74.6308, -90.8739.

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

117.4660, 66.8183, -58.2907

Deuteranopia

103.7040, 62.2639, -90.9484

Tritanopia

101.9700, 25.1578, -89.4277

Trichromacy



Protanomaly

112.4860, 69.7664, -70.5862

Deuteranomaly

103.5560, 66.7739, -90.8186

Tritanomaly

102.6660, 43.0557, -90.0381

Monochromacy



Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.6040, 27.3102, -32.9787

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.6190, 74.6308, -90.8739 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(0, 127, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 127, 255)  
}
```

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(0, 127, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 127, 255) }
```

Border

The CSS property to change the border of an element to YUV 103.6190, 74.6308, -90.8739 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(0, 127, 255) }
```

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

```
.border{ border-color:rgb(0, 127, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 127, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 127, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 127, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 127,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 103.6190, 74.6308, -90.8739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 127, 255) }
```

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

```
.background{ background-color: rgb(0, 127,  
255) }
```

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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