

Converting Colors

YUV(23.4370, 64.3676,
-18.8002)

Have a look what the booklet for
YUV(23.4370, 64.3676, -18.8002)
contains.

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Color

**YUV(23.4370, 64.3676,
-18.8002)**

Conversions

Conversions Part 1

Format	Color
Hex	02099A
RGB	2, 9, 154
RGB Percent	1%, 4%, 60%
CMY	0.9922, 0.9647, 0.3961
CMYK	0.99, 0.94, 0.00, 0.40
HSL	237°, 97%, 31%
HSV	237°, 99%, 60%
XYZ	5.9555, 2.5414, 30.7485
YIQ	23.4370, -50.7170, 43.6110

Conversions

Conversions Part 2

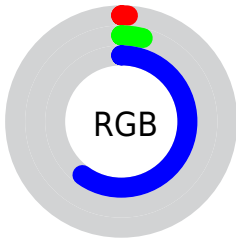
Format	Color
R_{YB}	2, 9, 154
Decimal	133530
CIE _{Lab}	18.10, 51.59, -72.41
CIE _{LCh}	18, 88.911, 305.467
Yxy	2.5414, 0.1517, 0.0648
Android (android.graphics.Color)	4278323610 (0xFF02099A)
YUV	23.4370, 64.3676, -18.8002
Hunter-Lab	15.9417, 38.7856, -103.2000

Details

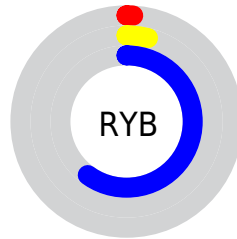
The YUV color **23.4370, 64.3676, -18.8002** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **132.5630, -64.3676, 18.8002**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.3690, 60.9501, 4.0614**, and **11.5140, 44.1166, -10.0978** is the 20% darker color. If you saturate the color by 10%, you get **21.6650, 65.2412, -19.0002**, and if you desaturate by 10%, it is **36.7270, 57.8156, -17.3006**.

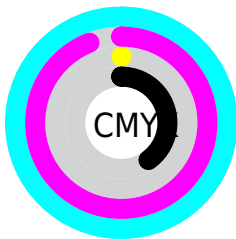
Distribution



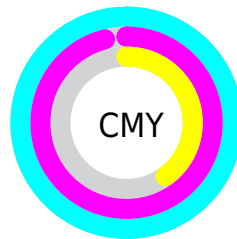
- Red (1%)
- Green (4%)
- Blue (60%)



- Red (1%)
- Yellow (4%)
- Blue (60%)



- Cyan (99%)
- Magenta (94%)
- Yellow (0%)
- Black (40%)



- Cyan (99%)
- Magenta (96%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.4370, 64.3676, -18.8002 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 23.4370, 64.3676, -18.8002 by changing the saturation by 10% instead.

■ 23.4370, 64.3676,
-18.8002

■ 23.4370, 64.3676,
-18.8002

■ 251.4780, 1.7363,
3.0888

■ 14.4780, 55.4733,
-12.6972

■ 86.3690, 60.9501,
4.0614

■ 11.5140, 44.1166,
-10.0978

■ 113.6190, 61.8128,
7.3501

■ 13.9470, 30.5921,
-12.2315

■ 139.6750, 56.8552,
10.8090

■ 8.2760, 21.5559,
-7.2581

■ 163.9070, 44.9088,
15.8676

■ 4.5940, 12.5252,
-4.0289

■ 188.7260, 32.6731,
20.4113

■ 0.0000, 0.0000,
0.0000

■ 213.5450, 20.4373,

24.9550

234.4550, 10.1287,
18.0180

23.4370, 64.3676,
-18.8002

23.4370, 64.3676,
-18.8002

21.6650, 65.2412,
-19.0002

36.7270, 57.8156,
-17.3006

49.7290, 51.4056,
-14.6713

63.0190, 44.8536,
-13.1717

76.6080, 38.1543,
-11.0572

89.3110, 31.8917,
-9.0427

■ 102.6010, 25.3397,
-7.5431

■ 116.1900, 18.6403,
-5.4286

■ 129.4800, 12.0884,
-3.9290

■ 142.4820, 5.6784,
-1.2997

Harmonies

Analogous

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



52.8050, 62.7071, -46.3100



23.4370, 64.3676, -18.8002



47.7640, 25.2593, 65.1050

Triad

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



23.4370, 64.3676, -18.8002



31.9270, -15.7400, 55.3150



43.2510, 5.7923, -37.9311

Complementary

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



23.4370, 64.3676, -18.8002



132.5630, -64.3676, 18.8002

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.



36.3940, -17.9422, -31.9175



23.4370, 64.3676, -18.8002



41.0440, -20.2347, 3.4694

Square

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



23.4370, 64.3676, -18.8002



38.5710, -19.0155, 79.3062



33.4590, -16.4953, -29.3435



52.4220, 33.3160, -45.9741

Rectangle

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



23.4370, 64.3676, -18.8002



48.3580, 4.2605, 80.3700



33.4590, -16.4953, -29.3435



40.0420, -3.9647, -35.1168

Sweetspot

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



23.4370, 64.3676, -18.8002



149.6010, 25.3397, -7.5431



107.6400, 18.9115, -92.6463



70.3920, 15.5827, -4.7288



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



23.4370, 64.3676, -18.8002



28.1970, 85.1919, -24.7288



39.6600, 56.3696, 26.6082



69.9120, 3.4944, -0.7998



19.4820, 59.4154, -17.0857



2.0690, 5.3890, -1.8145

Inverse Universe

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



48.2460, -19.3483, 92.7463



61.1250, -25.6976, 122.6704



116.3400, -56.3696, -26.6082



71.3920, -1.1793, 4.9182



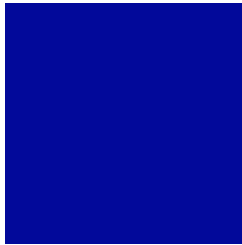
42.5440, -18.0162, 85.4689



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 23.4370, 64.3676, -18.8002 looks on a white background.

Color Contrast Check

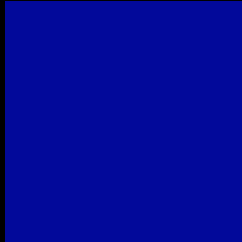
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 23.4370, 64.3676, -18.8002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

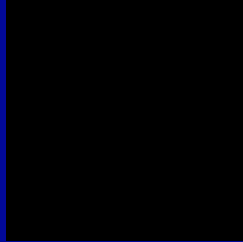
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.4370, 64.3676, -18.8002

Background



This preview shows how black text looks on a background with the YUV color 23.4370, 64.3676, -18.8002.



This preview shows how white text looks on a background with the YUV color 23.4370, 64.3676, -18.8002.

-18.8002.

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

23.4370, 64.3676, -18.8002

Protanopia

37.2450, 28.4732, -32.6639

Deuteranopia

37.4100, 21.4899, -32.8086



Tritanopia

36.7940, 8.9756, -32.2683

Trichromacy



Original Color

23.4370, 64.3676, -18.8002

Protanomaly

32.3070, 41.2606, -27.4562

Deuteranomaly

32.5690, 37.1875, -27.6860

Tritanomaly

31.8050, 29.1831, -27.0160

Monochromacy



Original Color

23.4370, 64.3676, -18.8002

Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

23.1450, 23.5925, -7.1432

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.4370, 64.3676, -18.8002 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(2, 9, 154)` looks like.

```
.text, #text, p{  
    color:rgb(2, 9, 154)  
}
```

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(2, 9, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 9, 154) }
```

Border

The CSS property to change the border of an element to YUV 23.4370, 64.3676, -18.8002 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(2, 9, 154) }
```


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

```
.border{ border-color:rgb(2, 9, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 9, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 9, 154); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 9, 154); box-shadow:4px  
4px 4px 4px rgb(2, 9, 154) }
```

Background

The CSS property to change the background color of an element to YUV 23.4370, 64.3676, -18.8002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 9, 154) }
```

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

```
.background{ background-color: rgb(2, 9,  
154) }
```

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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