

Converting Colors

YUV(15.0420, 23.1503, -5.2988)

Have a look what the booklet for
YUV(15.0420, 23.1503, -5.2988)
contains.

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Color

**YUV(15.0420, 23.1503,
-5.2988)**

Conversions

Conversions Part 1

Format	Color
Hex	09093E
RGB	9, 9, 62
RGB Percent	4%, 4%, 24%
CMY	0.9647, 0.9647, 0.7569
CMYK	0.85, 0.85, 0.00, 0.76
HSL	240°, 75%, 14%
HSV	240°, 85%, 24%
XYZ	1.0798, 0.6013, 4.6166
YIQ	15.0420, -17.0130, 16.4830

Conversions

Conversions Part 2

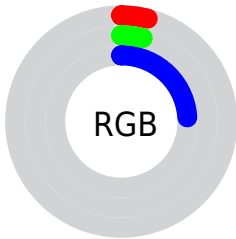
Format	Color
R_{YB}	9, 9, 62
Decimal	592190
CIE _{Lab}	5.43, 20.03, -32.79
CIE _{LCh}	5, 38.423, 301.416
Yxy	0.6013, 0.1715, 0.0955
Android (android.graphics.Color)	4278782270 (0xFF09093E)
YUV	15.0420, 23.1503, -5.2988
Hunter-Lab	7.7540, 11.2887, -29.8720

Details

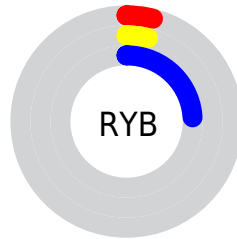
The YUV color **15.0420, 23.1503, -5.2988** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **55.9580, -23.1503, 5.2988**, and the grayscale version is **15.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **61.3030, 24.0076, -0.2657**, and **2.5250, 7.1362, -2.2144** is the 20% darker color. If you saturate the color by 10%, you get **9.7260, 25.7711, -5.8987**, and if you desaturate by 10%, it is **20.3580, 20.5295, -4.6990**.

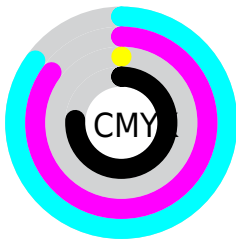
Distribution



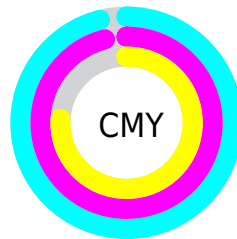
- Red (4%)
- Green (4%)
- Blue (24%)



- Red (4%)
- Yellow (4%)
- Blue (24%)



- Cyan (85%)
- Magenta (85%)
- Yellow (0%)
- Black (76%)



- Cyan (96%)
- Magenta (96%)
- Yellow (76%)
- Black (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 15.0420, 23.1503, -5.2988 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 15.0420, 23.1503, -5.2988 by changing the saturation by 10% instead.

■ 15.0420, 23.1503,
-5.2988

■ 15.0420, 23.1503,
-5.2988

■ 239.7050, 7.5404,
8.1517

■ 5.7340, 16.8931,
-5.0287

■ 61.3030, 24.0076,
-0.2657

■ 2.5250, 7.1362,
-2.2144

■ 85.2430, 25.0232,
0.6639

■ 0.0000, 0.0000,
0.0000

■ 109.7700, 25.7494,
1.0787

■ 135.1230, 27.0544,
2.5231

■ 161.6500, 27.7805,
2.9379

■ 188.7640, 28.2173,

2.8380

■ 214.3100, 20.0602,
5.8671

■ 15.0420, 23.1503,
-5.2988

■ 15.0420, 23.1503,
-5.2988

■ 9.7260, 25.7711,
-5.8987

■ 20.3580, 20.5295,
-4.6990

■ 7.0680, 27.0815,
-6.1986

■ 25.6740, 17.9087,
-4.0991

■ 31.8760, 14.8511,
-3.3993

■ 37.1920, 12.2303,
-2.7994

■ 42.5080, 9.6096,
-2.1995

■ 47.8240, 6.9888,
-1.5996

■ 53.1400, 4.3680,
-0.9998

■ 59.3420, 1.3104,
-0.2999

■ 64.6580, -1.3104,
0.2999

Harmonies

Analogous

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



20.8940, 24.2093, -18.3240



15.0420, 23.1503, -5.2988



18.9550, 11.8542, 24.5955

Triad

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



15.0420, 23.1503, -5.2988



15.2050, -7.4961, 24.3762



18.6020, 0.1962, -16.3140

Complementary

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



15.0420, 23.1503, -5.2988



55.9580, -23.1503, 5.2988

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.



15.8490, -7.8136, -13.8996



15.0420, 23.1503, -5.2988



17.4430, -8.5994, 4.8735

Square

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



15.0420, 23.1503, -5.2988



16.7440, -8.2548, 34.4275



15.2620, -7.5242, -13.3848



22.0390, 10.8268, -19.3282

Rectangle

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



15.0420, 23.1503, -5.2988



19.8220, 3.5388, 31.7281



15.2620, -7.5242, -13.3848



17.0060, -5.9190, -14.9143

Sweetspot

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



15.0420, 23.1503, -5.2988



62.5080, 9.6096, -2.1995



46.1530, 7.8126, -32.5832



29.4820, 5.6784, -1.2997



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



15.0420, 23.1503, -5.2988



9.3480, 35.8174, -8.1982



23.1150, 19.1703, 11.3001



28.3420, 1.3104, -0.2999



10.7160, 41.0590, -9.3979



25.3080, 96.9692, -22.1951

Inverse Universe

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



30.8890, 15.3377, 27.2843



33.8660, 23.7301, 42.2135



48.1840, -19.3177, -10.6854



29.2390, 0.8682, 1.5444



38.8220, 27.2028, 48.3911



91.6860, 64.2448, 114.2854

Previews

White Background



This preview shows how the YUV color 15.0420, 23.1503, -5.2988 looks on a white background.

Color Contrast Check

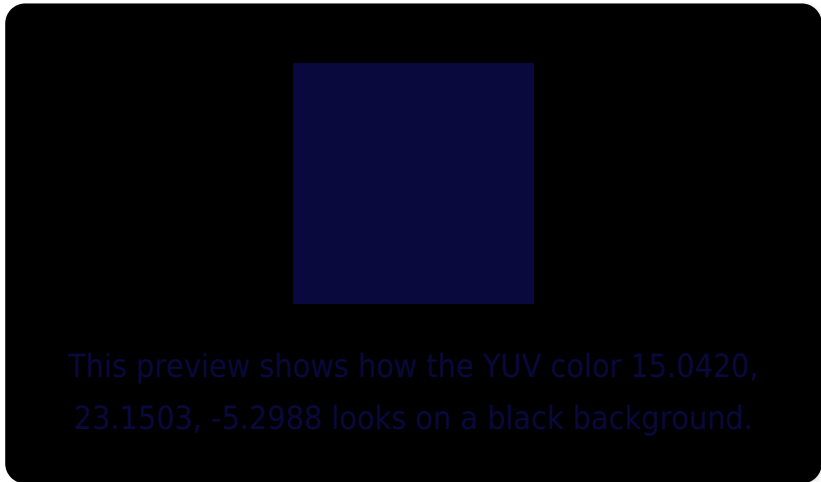
Large Text (above 18pt) WCAG AA ✓ Pass

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

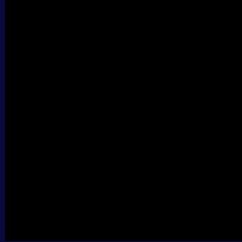
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 15.0420, 23.1503, -5.2988

Background



This preview shows how black text looks on a background with the YUV color 15.0420, 23.1503, -5.2988.



This preview shows how white text looks on a background with the YUV color 15.0420, 23.1503,

-5.2988.

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

15.0420, 23.1503, -5.2988

Protanopia

16.4140, 12.1209, -14.3951

Deuteranopia

16.3170, 9.2107, -14.3100



Tritanopia

16.2370, 3.8272, -14.2398

Trichromacy



Original Color

15.0420, 23.1503, -5.2988

Protanomaly

15.8750, 16.3306, -11.2914

Deuteranomaly

16.0060, 14.2940, -11.4063

Tritanomaly

15.7950, 10.9471, -11.2212

Monochromacy



Original Color

15.0420, 23.1503, -5.2988

Achromatopsia

15.0000, 0.0000, 0.0000

Achromatomaly

15.1660, 8.2992, -1.8996

CSS Examples

Text

The CSS property to change the color of the text to YUV 15.0420, 23.1503, -5.2988 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(9, 9, 62)` looks like.

```
.text, #text, p{  
    color:rgb(9, 9, 62)  
}
```

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(9, 9, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 9, 62) }
```

Border

The CSS property to change the border of an element to YUV 15.0420, 23.1503, -5.2988 is called "border". The border property can be set on classes, ids or directly on the HTML element.

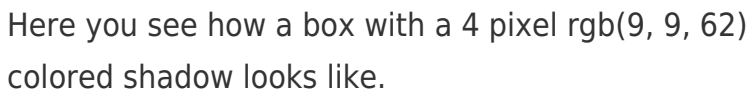
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(9, 9, 62) }
```


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

```
.border{ border-color:rgb(9, 9, 62) }
```

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



Here you see how a box with a 4 pixel rgb(9, 9, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 9, 62); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 9, 62); box-shadow:4px  
4px 4px 4px rgb(9, 9, 62) }
```

Background

The CSS property to change the background color of an element to YUV 15.0420, 23.1503, -5.2988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 9, 62) }
```

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

```
.background{ background-color: rgb(9, 9,  
62) }
```

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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