

Converting Colors

YUV(43.4230, 31.8365,
-38.0820)

Have a look what the booklet for
YUV(43.4230, 31.8365, -38.0820)
contains.

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Color

**YUV(43.4230, 31.8365,
-38.0820)**

Conversions

Conversions Part 1

Format	Color
Hex	00356C
RGB	0, 53, 108
RGB Percent	0%, 21%, 42%
CMY	1.0000, 0.7922, 0.5765
CMYK	1.00, 0.51, 0.00, 0.58
HSL	211°, 100%, 21%
HSV	211°, 100%, 42%
XYZ	3.9799, 3.6289, 14.6780
YIQ	43.4230, -49.2430, 5.8690

Conversions

Conversions Part 2

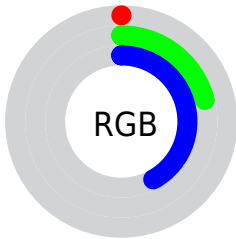
Format	Color
RYB	0, 36, 108
Decimal	13676
CIELab	22.40, 8.09, -36.33
CIELCh	22, 37.224, 282.550
Yxy	3.6289, 0.1786, 0.1628
Android (android.graphics.Color)	4278203756 (0xFF00356C)
YUV	43.4230, 31.8365, -38.0820
Hunter-Lab	19.0497, 3.9553, -32.3489

Details

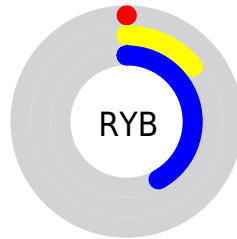
The YUV color **43.4230, 31.8365, -38.0820** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **64.5770, -31.8365, 38.0820**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.2830, 30.9195, -23.9272**, and **11.5360, 23.8928, -10.1171** is the 20% darker color. If you saturate the color by 10%, you get **43.4230, 31.8365, -38.0820**, and if you desaturate by 10%, it is **50.2340, 28.4786, -34.4082**.

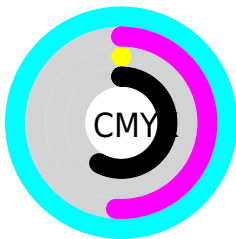
Distribution



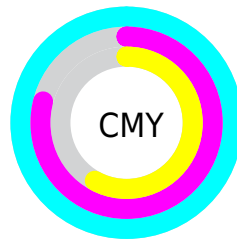
- Red (0%)
- Green (21%)
- Blue (42%)



- Red (0%)
- Yellow (14%)
- Blue (42%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (79%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.4230, 31.8365, -38.0820 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 43.4230, 31.8365, -38.0820 by changing the saturation by 10% instead.

■ 43.4230, 31.8365,
-38.0820

■ 43.4230, 31.8365,
-38.0820

■ 255.0000, 0.0000,
0.0000

■ 28.2460, 26.9937,
-24.7717

■ 97.2830, 30.9195,
-23.9272

■ 11.5360, 23.8928,
-10.1171

■ 123.1090, 31.4983,
-22.8976

■ 5.3920, 15.5827,
-4.7288

■ 149.3480, 32.3664,
-21.3532

■ 2.1830, 5.8258,
-1.9145

■ 176.5760, 33.2400,
-21.5532

■ 0.0000, 0.0000,
0.0000

■ 202.0510, 26.1039,
-19.3387

■ 227.1580, 13.7261,

-15.9246

■ 249.9170, 2.5059,
-10.4512

■ 43.4230, 31.8365,
-38.0820

■ 50.2340, 28.4786,
-34.4082

■ 56.4580, 25.4102,
-30.2197

■ 62.9700, 22.1998,
-27.1607

■ 69.1940, 19.1314,
-22.9721

■ 76.0050, 15.7735,
-19.2984

■ 82.2290, 12.7051,
-15.1098

■ 89.0400, 9.3473,
-11.4361

■ 94.9650, 6.4263,
-7.8623

■ 101.7760, 3.0684,
-4.1886

Harmonies

Analogous

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



48.0050, 29.0845, -42.1004



43.4230, 31.8365, -38.0820



54.9410, 19.7491, 12.3297

Triad

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



43.4230, 31.8365, -38.0820



50.0130, -16.2754, 40.3306



42.2590, -3.0857, -37.0611

Complementary

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



43.4230, 31.8365, -38.0820



64.5770, -31.8365, 38.0820

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.



44.0690, -18.2750, -18.4775



43.4230, 31.8365, -38.0820



50.6230, -24.9571, 24.8866

Square

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



43.4230, 31.8365, -38.0820



48.9010, -2.9092, 46.5678



49.6160, -24.4607, 5.5988



46.1520, 9.2921, -40.4753

Rectangle

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



43.4230, 31.8365, -38.0820



53.6290, 13.0009, 30.1434



49.6160, -24.4607, 5.5988



40.5320, -7.1643, -35.5466

Sweetspot

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



43.4230, 31.8365, -38.0820



115.1150, 12.2683, -15.0099



69.5520, -7.6671, -60.9971



55.8940, 7.4473, -8.6770



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



43.4230, 31.8365, -38.0820



56.4630, 41.1837, -49.5181



12.3120, 47.1742, -10.7976



50.4450, 1.7526, -2.1443



47.3840, 34.3207, -41.5558



98.3700, 72.2886, -86.2705

Inverse Universe

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



38.3340, 7.2303, 61.0971



49.7260, 9.5021, 79.1703



95.6880, -47.1742, 10.7976



50.1360, 0.4260, 3.3887



41.5950, 8.0877, 66.1302



86.9350, 16.3010, 138.6230

Previews

White Background



This preview shows how the YUV color 43.4230, 31.8365, -38.0820 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 43.4230, 31.8365, -38.0820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

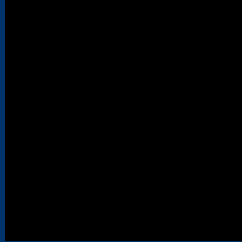
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.4230, 31.8365, -38.0820

Background



This preview shows how black text looks on a background with the YUV color 43.4230, 31.8365, -38.0820.



This preview shows how white text looks on a background with the YUV color 43.4230, 31.8365,

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

48.4030, 28.8883, -25.7864

Deuteranopia

43.8160, 25.7267, -38.4266

Trichromacy



Protanomaly

46.3100, 29.9202, -30.0899

Deuteranomaly

43.6850, 27.7633, -38.3117

Monochromacy



Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.3000, 11.6841, -14.2951

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.4230, 31.8365, -38.0820 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, 53, 108)` looks like.

```
.text, #text, p{  
    color:rgb(0, 53, 108)  
}
```

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, 53, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 53, 108) }
```

Border

The CSS property to change the border of an element to YUV 43.4230, 31.8365, -38.0820 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, 53, 108) }
```

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

```
.border{ border-color:rgb(0, 53, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 53, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 53, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 53, 108);  
box-shadow:4px 4px 4px 4px rgb(0, 53, 108)  
}
```


Background

The CSS property to change the background color of an element to YUV 43.4230, 31.8365, -38.0820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 53, 108) }
```

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

```
.background{ background-color: rgb(0, 53,  
108) }
```

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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