

Converting Colors

YUV(40.0030, 38.9455,
-31.5746)

Have a look what the booklet for
YUV(40.0030, 38.9455, -31.5746)
contains.

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Color

**YUV(40.0030, 38.9455,
-31.5746)**

Conversions

Conversions Part 1

Format	Color
Hex	042B77
RGB	4, 43, 119
RGB Percent	2%, 17%, 47%
CMY	0.9843, 0.8314, 0.5333
CMYK	0.97, 0.64, 0.00, 0.53
HSL	220°, 93%, 24%
HSV	220°, 97%, 47%
XYZ	4.2437, 3.0855, 17.8247
YIQ	40.0030, -47.6400, 15.3680

Conversions

Conversions Part 2

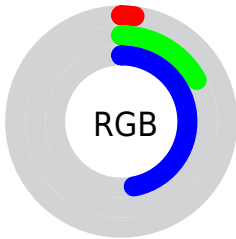
Format	Color
R_{YB}	4, 33, 119
Decimal	273271
CIE _{Lab}	20.38, 20.56, -46.68
CIE _{LCh}	20, 51.005, 293.769
Yxy	3.0855, 0.1687, 0.1227
Android (android.graphics.Color)	4278463351 (0xFF042B77)
YUV	40.0030, 38.9455, -31.5746
Hunter-Lab	17.5655, 12.3848, -47.8688

Details

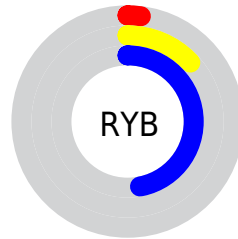
The YUV color **40.0030, 38.9455, -31.5746** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **82.9970, -38.9455, 31.5746**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.9880, 38.4599, -15.7755**, and **7.9800, 30.5759, -6.9985** is the 20% darker color. If you saturate the color by 10%, you get **37.0460, 40.4033, -32.4893**, and if you desaturate by 10%, it is **48.2870, 34.8615, -28.3157**.

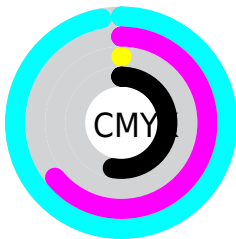
Distribution



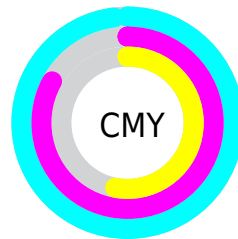
- Red (2%)
- Green (17%)
- Blue (47%)



- Red (2%)
- Yellow (13%)
- Blue (47%)



- Cyan (97%)
- Magenta (64%)
- Yellow (0%)
- Black (53%)



- Cyan (98%)
- Magenta (83%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.0030, 38.9455, -31.5746 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 40.0030, 38.9455, -31.5746 by changing the saturation by 10% instead.

■ 40.0030, 38.9455,
-31.5746

■ 40.0030, 38.9455,
-31.5746

■ 255.0000, 0.0000,
0.0000

■ 24.2170, 34.4030,
-21.2383

■ 93.9880, 38.4599,
-15.7755

■ 7.9800, 30.5759,
-6.9985

■ 119.6400, 39.6175,
-13.7163

■ 7.5920, 18.9351,
-6.6582

■ 146.4660, 40.1963,
-12.6867

■ 3.4370, 10.6306,
-3.0142

■ 173.1780, 40.3382,
-11.5571

■ 0.0000, 0.0000,
0.0000

■ 197.6980, 28.2499,
-7.6281

■ 222.5060, 16.0195,

-4.8288

■ 247.9120, 3.4944,
-0.7998

■ 40.0030, 38.9455,
-31.5746

■ 40.0030, 38.9455,
-31.5746

■ 37.0460, 40.4033,
-32.4893

■ 48.2870, 34.8615,
-28.3157

■ 56.5710, 30.7775,
-25.0568

■ 64.8550, 26.6935,
-21.7978

■ 72.5520, 22.8989,
-18.0241

■ 80.8360, 18.8149,
-14.7652

■ 88.8210, 14.8782,
-12.1210

■ 97.1050, 10.7942,
-8.8621

■ 105.3890, 6.7102,
-5.6032

■ 113.6730, 2.6262,
-2.3442

Harmonies

Analogous

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



47.7090, 38.1045, -41.8408



40.0030, 38.9455, -31.5746



45.2240, 24.0466, 34.0066

Triad

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



40.0030, 38.9455, -31.5746



43.0800, -21.2384, 45.5338



41.5410, -0.7597, -36.4315

Complementary

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



40.0030, 38.9455, -31.5746



82.9970, -38.9455, 31.5746

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.



35.8070, -17.6529, -31.4027



40.0030, 38.9455, -31.5746



46.7470, -23.0463, 18.6389

Square

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



40.0030, 38.9455, -31.5746



35.3980, -6.6052, 65.4260



42.7390, -21.0703, -8.5411



46.5740, 15.9860, -40.8454

Rectangle

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



40.0030, 38.9455, -31.5746



38.8910, 15.8297, 56.2236



42.7390, -21.0703, -8.5411



39.9450, -6.8749, -35.0318

Sweetspot

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



40.0030, 38.9455, -31.5746



124.6360, 15.4625, -12.8358



80.0550, -0.5201, -66.7002



60.0620, 9.3364, -7.9474



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



40.0030, 38.9455, -31.5746



48.8950, 52.8028, -42.8809



22.1930, 47.7259, -1.0463



54.8580, 2.0420, -1.6295



38.5620, 41.1349, -33.8189



78.3950, 84.6013, -68.7524

Inverse Universe

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



42.8310, 0.0833, 66.8002



52.6860, 0.1548, 90.6064



100.8070, -47.7259, 1.0463



55.0220, -0.0108, 3.4887



41.2660, 0.3619, 70.8037



84.4400, 0.2761, 145.1961

Previews

White Background



This preview shows how the YUV color 40.0030, 38.9455, -31.5746 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 40.0030, 38.9455, -31.5746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

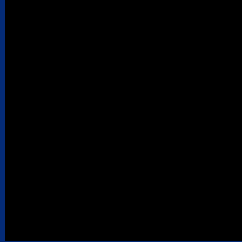
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.0030, 38.9455, -31.5746

Background



This preview shows how black text looks on a background with the YUV color 40.0030, 38.9455, -31.5746.



This preview shows how white text looks on a background with the YUV color 40.0030, 38.9455,

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

40.0030, 38.9455, -31.5746

Protanopia

39.8040, 30.6626, -34.9081

Deuteranopia

39.8550, 23.2425, -34.9528



Tritanopia

39.0110, 9.8546, -34.2126

Trichromacy



Original Color

40.0030, 38.9455, -31.5746

Protanomaly

39.6130, 33.7148, -33.8636

Deuteranomaly

39.7610, 29.2048, -33.9934

Tritanomaly

39.4700, 20.4743, -33.7382

Monochromacy



Original Color

40.0030, 38.9455, -31.5746

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.0060, 14.2940, -11.4063

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.0030, 38.9455, -31.5746 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(4, 43, 119)` looks like.

```
.text, #text, p{  
    color:rgb(4, 43, 119)  
}
```

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(4, 43, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 43, 119) }
```

Border

The CSS property to change the border of an element to YUV 40.0030, 38.9455, -31.5746 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(4, 43, 119) }
```


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

```
.border{ border-color:rgb(4, 43, 119) }
```

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

Here you see how a box with a 4 pixel rgb(4, 43, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 43, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 43, 119);  
box-shadow:4px 4px 4px 4px rgb(4, 43, 119)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.0030, 38.9455, -31.5746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 43, 119) }
```

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

```
.background{ background-color: rgb(4, 43,  
119) }
```

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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