

Converting Colors

YUV(41.3020, 38.7981,
-30.9599)

Have a look what the booklet for
YUV(41.3020, 38.7981, -30.9599)
contains.

YUV(41.3020, 38.7981, -30.9599)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(41.3020, 38.7981,
-30.9599)**

Conversions

Conversions Part 1

Format	Color
Hex	062C78
RGB	6, 44, 120
RGB Percent	2%, 17%, 47%
CMY	0.9765, 0.8275, 0.5294
CMYK	0.95, 0.63, 0.00, 0.53
HSL	220°, 90%, 25%
HSV	220°, 95%, 47%
XYZ	4.3660, 3.1961, 18.1561
YIQ	41.3020, -47.0440, 15.5800

Conversions

Conversions Part 2

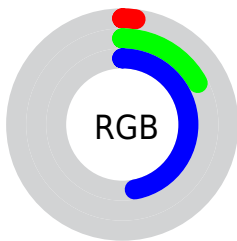
Format	Color
RYB	6, 35, 120
Decimal	404600
CIELab	20.81, 20.39, -46.61
CIElCh	21, 50.877, 293.628
Yxy	3.1961, 0.1698, 0.1243
Android (android.graphics.Color)	4278594680 (0xFF062C78)
YUV	41.3020, 38.7981, -30.9599
Hunter-Lab	17.8778, 12.3056, -47.6986

Details

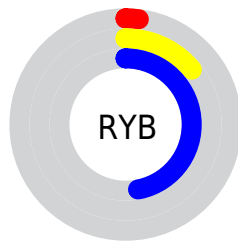
The YUV color **41.3020, 38.7981, -30.9599** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **84.6980, -38.7981, 30.9599**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.9880, 38.4599, -15.7755**, and **8.0940, 31.0127, -7.0984** is the 20% darker color. If you saturate the color by 10%, you get **37.1600, 40.8401, -32.5893**, and if you desaturate by 10%, it is **49.5860, 34.7141, -27.7009**.

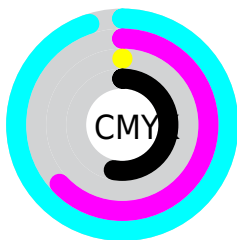
Distribution



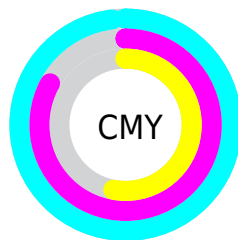
- Red (2%)
- Green (17%)
- Blue (47%)



- Red (2%)
- Yellow (14%)
- Blue (47%)



- Cyan (95%)
- Magenta (63%)
- Yellow (0%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 41.3020, 38.7981, -30.9599 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 41.3020, 38.7981, -30.9599 by changing the saturation by 10% instead.

■ 41.3020, 38.7981,
-30.9599

■ 41.3020, 38.7981,
-30.9599

■ 255.0000, 0.0000,
0.0000

■ 24.9180, 34.5504,
-21.8531

■ 94.9880, 38.4599,
-15.7755

■ 8.0940, 31.0127,
-7.0984

■ 120.6400, 39.6175,
-13.7163

■ 7.7060, 19.3719,
-6.7582

■ 147.4660, 40.1963,
-12.6867

■ 3.4370, 10.6306,
-3.0142

■ 174.0640, 39.9014,
-11.4571

■ 0.0000, 0.0000,
0.0000

■ 198.2850, 27.9605,
-8.1429

■ 223.3920, 15.5827,

-4.7288

248.7980, 3.0576,
-0.6998

41.3020, 38.7981,
-30.9599

41.3020, 38.7981,
-30.9599

37.1600, 40.8401,
-32.5893

49.5860, 34.7141,
-27.7009

57.8700, 30.6301,
-24.4420

66.1540, 26.5461,
-21.1831

74.4380, 22.4621,
-17.9241

82.7220, 18.3781,
-14.6652

■ 91.0060, 14.2940,
-11.4063

■ 99.2900, 10.2100,
-8.1473

■ 107.5740, 6.1260,
-4.8884

■ 115.8580, 2.0420,
-1.6295

Harmonies

Analogous

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



48.4100, 38.2519, -42.4556



41.3020, 38.7981, -30.9599



46.8110, 23.7572, 33.4918

Triad

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



41.3020, 38.7981, -30.9599



43.9660, -21.6752, 45.6338



42.2420, -0.6123, -37.0462

Complementary

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



41.3020, 38.7981, -30.9599



84.6980, -38.7981, 30.9599

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



41.3020, 38.7981, -30.9599



47.6330, -23.4831, 18.7389

Square

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



41.3020, 38.7981, -30.9599



35.8110, -6.3158, 65.9408



43.6250, -21.5071, -8.4411



47.1610, 15.6966, -41.3602

Rectangle

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



41.3020, 38.7981, -30.9599



39.3040, 16.1191, 56.7384



43.6250, -21.5071, -8.4411



40.6460, -6.7275, -35.6465

Sweetspot

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



41.3020, 38.7981, -30.9599



124.0490, 15.7518, -12.3210



81.5820, 0.2061, -66.2854



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.



41.3020, 38.7981, -30.9599



48.3080, 53.0922, -42.3661



24.6770, 46.9942, 0.2833



56.8580, 2.0420, -1.6295



38.9040, 42.4453, -34.1188



78.0360, 85.7643, -68.4376

Inverse Universe

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



44.4180, -0.2061, 66.2854



52.5720, -0.2820, 90.7064



101.3230, -46.9942, -0.2833



57.0220, -0.0108, 3.4887



42.1630, -0.0804, 72.6480



84.9240, -0.4555, 146.5257

Previews

White Background



This preview shows how the YUV color 41.3020, 38.7981, -30.9599 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 41.3020, 38.7981, -30.9599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

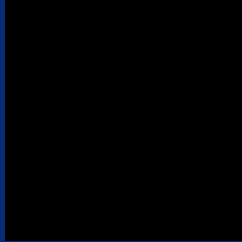
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.3020, 38.7981, -30.9599

Background



This preview shows how black text looks on a background with the YUV color 41.3020, 38.7981, -30.9599.



This preview shows how white text looks on a background with the YUV color 41.3020, 38.7981,

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

41.3020, 38.7981, -30.9599

Protanopia

40.5050, 30.8100, -35.5229

Deuteranopia

40.5560, 23.3899, -35.5676



Tritanopia

39.7120, 10.0020, -34.8274

Trichromacy



Original Color

41.3020, 38.7981, -30.9599

Protanomaly

40.6130, 33.7148, -33.8636

Deuteranomaly

40.7610, 29.2048, -33.9934

Tritanomaly

40.4700, 20.4743, -33.7382

Monochromacy



Original Color

41.3020, 38.7981, -30.9599

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.0060, 14.2940, -11.4063

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.3020, 38.7981, -30.9599 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(6, 44, 120)` looks like.

```
.text, #text, p{  
    color:rgb(6, 44, 120)  
}
```

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(6, 44, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 44, 120) }
```

Border

The CSS property to change the border of an element to YUV 41.3020, 38.7981, -30.9599 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(6, 44, 120) }
```


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

```
.border{ border-color:rgb(6, 44, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 44, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 44, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 44, 120);  
box-shadow:4px 4px 4px 4px rgb(6, 44, 120)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.3020, 38.7981, -30.9599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 44, 120) }
```

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

```
.background{ background-color: rgb(6, 44,  
120) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor