

Converting Colors

YUV(41.0970, 60.0982, -2.7161)

Have a look what the booklet for
YUV(41.0970, 60.0982, -2.7161)
contains.

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Color

**YUV(41.0970, 60.0982,
-2.7161)**

Conversions

Conversions Part 1

Format	Color
Hex	2613A3
RGB	38, 19, 163
RGB Percent	15%, 7%, 64%
CMY	0.8510, 0.9255, 0.3608
CMYK	0.77, 0.88, 0.00, 0.36
HSL	248°, 79%, 36%
HSV	248°, 88%, 64%
XYZ	7.6431, 3.5222, 34.9273
YIQ	41.0970, -34.9000, 48.8120

Conversions

Conversions Part 2

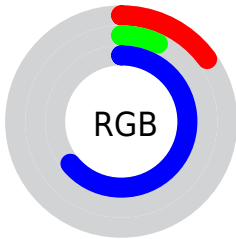
Format	Color
R_{YB}	38, 19, 163
Decimal	2495395
CIE _{Lab}	22.02, 51.92, -71.35
CIE _{LCh}	22, 88.239, 306.041
Yxy	3.5222, 0.1658, 0.0764
Android (android.graphics.Color)	4280685475 (0xFF2613A3)
YUV	41.0970, 60.0982, -2.7161
Hunter-Lab	18.7674, 39.8515, -97.2053




Details

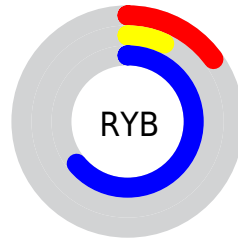
The YUV color **41.0970, 60.0982, -2.7161** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **140.9030, -60.0982, 2.7161**, and the grayscale version is **41.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **97.1630, 60.0656, 7.7500**, and **12.5400, 48.0478, -10.9976** is the 20% darker color. If you saturate the color by 10%, you get **27.5190, 66.7921, -3.0862**, and if you desaturate by 10%, it is **54.6750, 53.4042, -2.3460**.

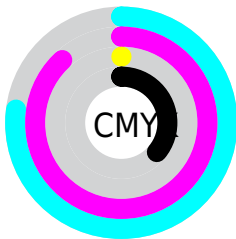
Distribution







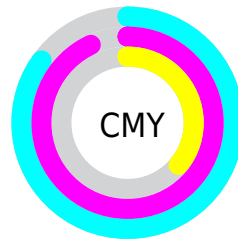
-  Red (15%)
-  Green (7%)
-  Blue (64%)






-  Red (15%)
-  Yellow (7%)
-  Blue (64%)



-  Cyan (77%)
-  Magenta (88%)
-  Yellow (0%)
-  Black (36%)



-  Cyan (85%)
-  Magenta (93%)
-  Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.0970, 60.0982, -2.7161 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 41.0970, 60.0982, -2.7161 by changing the saturation by 10% instead.

■ 41.0970, 60.0982,
-2.7161

■ 41.0970, 60.0982,
-2.7161

■ 255.0000, 0.0000,
0.0000

■ 15.5040, 59.4045,
-13.5970

■ 97.1630, 60.0656,
7.7500

■ 12.5400, 48.0478,
-10.9976

■ 124.7010, 60.7864,
9.9092

■ 9.5760, 36.6910,
-8.3982

■ 149.1440, 52.1870,
14.7827

■ 10.3620, 24.4715,
-9.0875

■ 173.9630, 39.9512,
19.3264

■ 5.3920, 15.5827,
-4.7288

■ 198.7820, 27.7155,
23.8702

■ 2.1830, 5.8258,
-1.9145

■ 223.8890, 15.3377,

■ 0.0000, 0.0000,

27.2843

0.0000

240.3250, 7.2348,
12.8700

41.0970, 60.0982,
-2.7161

41.0970, 60.0982,
-2.7161

27.5190, 66.7921,
-3.0862

54.6750, 53.4042,
-2.3460

25.1600, 67.9551,
-2.7713

68.8400, 46.4209,
-2.4907

82.4180, 39.7269,
-2.1206

96.2950, 32.8856,
-1.1357

110.4600, 25.9022,
-1.2804

■ 124.0380, 19.2083,
-0.9103

■ 137.6160, 12.5143,
-0.5402

■ 151.1940, 5.8204,
-0.1701

■ 165.3590, -1.1630,
-0.3148

Harmonies

Analogous

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



58.0540, 65.0494, -50.9134



41.0970, 60.0982, -2.7161



52.0790, 27.5691, 70.9677

Triad

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



41.0970, 60.0982, -2.7161



43.7220, -21.5549, 53.7408



50.2610, 7.2663, -44.0789

Complementary

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



41.0970, 60.0982, -2.7161



140.9030, -60.0982, 2.7161

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.



41.6770, -20.5468, -36.5507



41.0970, 60.0982, -2.7161



48.4310, -23.8765, 4.8840

Square

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



41.0970, 60.0982, -2.7161



42.1590, -20.7844, 86.6836



39.3290, -19.3892, -34.4915



58.9590, 35.5162, -51.7070

Rectangle

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



41.0970, 60.0982, -2.7161



52.8580, 5.9860, 86.9475



39.3290, -19.3892, -34.4915



47.0520, -2.4906, -41.2646

Sweetspot

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



41.0970, 60.0982, -2.7161



163.5910, 23.8656, -1.3953



109.9650, 26.1463, -79.7763



78.0720, 14.2615, -0.9401



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



41.0970, 60.0982, -2.7161



32.5400, 88.4738, -3.9816



62.0270, 49.7797, 40.3183



74.6240, 3.6364, 0.3298



22.2110, 60.5350, -2.8160



2.6500, 7.5675, -0.5700

Inverse Universe

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



76.3060, 33.3731, 76.0306



84.3640, 49.1205, 111.9368



119.9730, -49.7797, -40.3183



76.6030, 2.1677, 4.7332



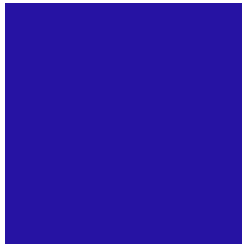
57.7190, 33.6625, 76.5454



7.0920, 3.8986, 9.5663

Previews

White Background



This preview shows how the YUV color 41.0970, 60.0982, -2.7161 looks on a white background.

Color Contrast Check

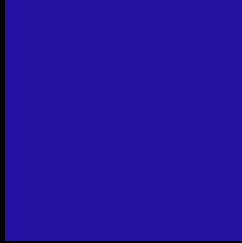
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.0970, 60.0982, -2.7161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

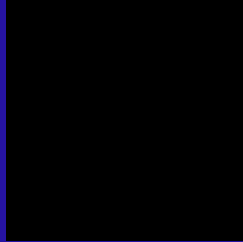
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.0970, 60.0982, -2.7161

Background



This preview shows how black text looks on a background with the YUV color 41.0970, 60.0982, -2.7161.



This preview shows how white text looks on a background with the YUV color 41.0970, 60.0982, -2.7161.

-2.7161.

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

41.0970, 60.0982, -2.7161

Protanopia

42.9500, 32.5627, -37.6671

Deuteranopia

43.4740, 24.4163, -38.1267



Tritanopia

42.4020, 10.1548, -37.1866

Trichromacy



Original Color

41.0970, 60.0982, -2.7161

Protanomaly

42.3720, 42.7076, -24.8822

Deuteranomaly

42.8790, 37.0347, -25.3269

Tritanomaly

41.8870, 28.1567, -24.4569

Monochromacy



Original Color

41.0970, 60.0982, -2.7161

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.0210, 21.6816, -0.8954

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.0970, 60.0982, -2.7161 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(38, 19, 163)` looks like.

```
.text, #text, p{  
    color:rgb(38, 19, 163)  
}
```

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(38, 19, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 19, 163) }
```

Border

The CSS property to change the border of an element to YUV 41.0970, 60.0982, -2.7161 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(38, 19, 163) }
```


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

```
.border{ border-color:rgb(38, 19, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 19, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 19, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 19, 163);  
box-shadow:4px 4px 4px 4px rgb(38, 19,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 41.0970, 60.0982, -2.7161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 19, 163) }
```

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

```
.background{ background-color: rgb(38, 19,  
163) }
```

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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