

Converting Colors

YUV(41.3670, 104.3351,
-4.7069)

Have a look what the booklet for
YUV(41.3670, 104.3351, -4.7069)
contains.

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Color

**YUV(41.3670, 104.3351,
-4.7069)**

Conversions

Conversions Part 1

Format	Color
Hex	2403FD
RGB	36, 3, 253
RGB Percent	14%, 1%, 99%
CMY	0.8588, 0.9882, 0.0078
CMYK	0.86, 0.99, 0.00, 0.01
HSL	248°, 98%, 50%
HSV	248°, 99%, 99%
XYZ	18.4897, 7.5320, 93.4078
YIQ	41.3670, -60.5820, 84.7460

Conversions

Conversions Part 2

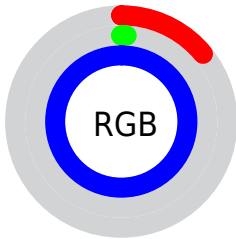
Format	Color
R _Y B	36, 3, 253
Decimal	2360317
CIE Lab	32.99, 78.55, -105.57
CIE LCh	33, 131.593, 306.652
Yxy	7.5320, 0.1548, 0.0631
Android (android.graphics.Color)	4280550397 (0xFF2403FD)
YUV	41.3670, 104.3351, -4.7069
Hunter-Lab	27.4446, 72.2296, -182.5828

Details

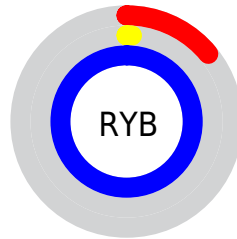
The YUV color **41.3670, 104.3351, -4.7069** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **214.6330, -104.3351, 4.7069**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.1930, 71.3899, 15.6167**, and **22.1160, 84.7388, -19.3957** is the 20% darker color. If you saturate the color by 10%, you get **38.7090, 105.6455, -5.0068**, and if you desaturate by 10%, it is **62.6200, 93.8573, -4.0517**.

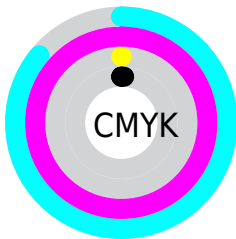
Distribution



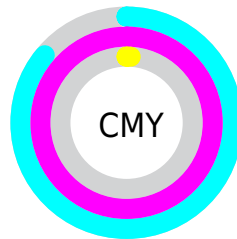
- Red (14%)
- Green (1%)
- Blue (99%)



- Red (14%)
- Yellow (1%)
- Blue (99%)



- Cyan (86%)
- Magenta (99%)
- Yellow (0%)
- Black (1%)



- Cyan (86%)
- Magenta (99%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.3670, 104.3351, -4.7069 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 41.3670, 104.3351, -4.7069 by changing the saturation by 10% instead.

■ 41.3670, 104.3351,
-4.7069

■ 41.3670, 104.3351,
-4.7069

255.0000, 0.0000,
0.0000

■ 25.4220, 97.4060,
-22.2951

■ 110.1930, 71.3899,
15.6167

■ 22.1160, 84.7388,
-19.3957

■ 137.0940, 58.1277,
22.7196

■ 18.9240, 72.5085,
-16.5963

■ 163.6960, 45.0129,
29.2076

■ 15.7320, 60.2781,
-13.7970

■ 189.4120, 32.3349,
35.5957

■ 22.1600, 44.2911,
-19.4343

■ 213.9100, 20.2574,
36.0359


■ 16.8480, 34.0919,
-14.7757


■ 230.9330, 11.8650,


■ 10.5900, 25.3451,


21.1068


-9.2874


 247.9560, 3.4727,
6.1776


 6.2070, 16.1669,
-5.4435


 2.4110, 6.6994,
-2.1144


 41.3670, 104.3351,
-4.7069


 41.3670, 104.3351,
-4.7069

 38.7090, 105.6455,
-5.0068

 62.6200, 93.8573,
-4.0517

 84.4600, 83.0902,
-3.9114

 105.7130, 72.6125,
-3.2563

 126.9660, 62.1348,
-2.6012

■ 148.8060, 51.3676,
-2.4609

■ 170.0590, 40.8899,
-1.8057

■ 191.3120, 30.4122,
-1.1506

■ 212.5650, 19.9345,
-0.4955

■ 234.4050, 9.1673,
-0.3552

Harmonies

Analogous

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



84.2480, 84.1807, -73.8855



41.3670, 104.3351, -4.7069



79.8770, 40.9796, 109.7329

Triad

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



41.3670, 104.3351, -4.7069



58.3840, -28.7833, 85.6092



73.6220, 13.0044, -64.5665

Complementary

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



41.3670, 104.3351, -4.7069



214.6330, -104.3351, 4.7069

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.



60.4610, -29.8073, -53.0243



41.3670, 104.3351, -4.7069



71.1460, -35.0750, 3.3800

Square

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



41.3670, 104.3351, -4.7069



63.6870, -31.3977, 130.9475



58.1130, -28.6497, -50.9651



87.9400, 57.7106, -77.1234

Rectangle

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



41.3670, 104.3351, -4.7069



80.7960, 7.0026, 134.3599



58.1130, -28.6497, -50.9651



68.8170, -2.8678, -60.3525

Sweetspot

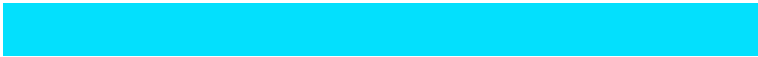
The Sweet Spot groups the original color and five complimentary colors.



41.3670, 104.3351, -4.7069



190.6540, 31.7226, -1.4506



161.2270, 45.2441, -138.7651



89.0380, 19.2083, -0.9103



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



41.3670, 104.3351, -4.7069



39.2360, 106.3717, -4.5920



77.5460, 86.4988, 69.6812



116.7810, 5.5310, -0.6849



29.2490, 79.7432, -3.7264



9.6880, 26.7758, -1.4804

Inverse Universe

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



102.4880, 57.9334, 131.9990



101.4390, 58.9436, 134.6730



178.4540, -86.4988, -69.6812



120.1410, 2.8885, 6.8923



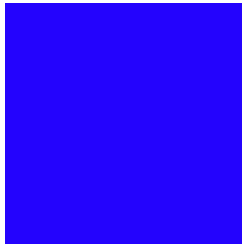
76.0330, 44.3537, 100.8261



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 41.3670, 104.3351, -4.7069 looks on a white background.

Color Contrast Check

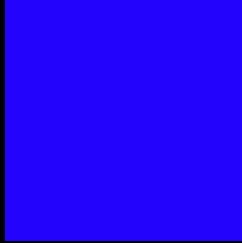
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.3670, 104.3351, -4.7069 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 41.3670, 104.3351, -4.7069

Background



This preview shows how black text looks on a background with the YUV color 41.3670, 104.3351, -4.7069.



This preview shows how white text looks on a background with the YUV color 41.3670, 104.3351, -4.7069.

-4.7069.

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

41.3670, 104.3351, -4.7069

Protanopia

62.0370, 47.3098, -54.4064

Deuteranopia

62.2360, 35.3797, -54.5810



Tritanopia

61.4430, 14.5716, -53.8855

Trichromacy



Original Color

41.3670, 104.3351, -4.7069

Protanomaly

54.6520, 68.2056, -36.5288

Deuteranomaly

54.5890, 60.3486, -36.4736

Tritanomaly

53.8590, 47.3975, -35.8333

Monochromacy



Original Color

41.3670, 104.3351, -4.7069

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.9620, 37.9797, -1.7207

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.3670, 104.3351, -4.7069 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(36, 3, 253)` looks like.

```
.text, #text, p{  
    color:rgb(36, 3, 253)  
}
```

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(36, 3, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 3, 253) }
```

Border

The CSS property to change the border of an element to YUV 41.3670, 104.3351, -4.7069 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(36, 3, 253) }
```


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

```
.border{ border-color:rgb(36, 3, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 3, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 3, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 3, 253);  
box-shadow:4px 4px 4px 4px rgb(36, 3, 253)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.3670, 104.3351, -4.7069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 3, 253) }
```

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

```
.background{ background-color: rgb(36, 3,  
253) }
```

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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