

Converting Colors

YUV(34.9400, 71.5146,
-24.5034)

Have a look what the booklet for
YUV(34.9400, 71.5146, -24.5034)
contains.

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Color

**YUV(34.9400, 71.5146,
-24.5034)**

Conversions

Conversions Part 1

Format	Color
Hex	0715B4
RGB	7, 21, 180
RGB Percent	3%, 8%, 71%
CMY	0.9725, 0.9176, 0.2941
CMYK	0.96, 0.88, 0.00, 0.29
HSL	235°, 93%, 37%
HSV	235°, 96%, 71%
XYZ	8.5940, 3.8768, 43.4754
YIQ	34.9400, -59.3830, 46.4810

Conversions

Conversions Part 2

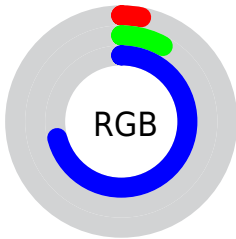
Format	Color
R_{YB}	7, 20, 180
Decimal	464308
CIE _{Lab}	23.26, 55.19, -79.58
CIE _{LCh}	23, 96.850, 304.742
Yxy	3.8768, 0.1536, 0.0693
Android (android.graphics.Color)	4278654388 (0xFF0715B4)
YUV	34.9400, 71.5146, -24.5034
Hunter-Lab	19.6896, 43.4541, -117.1320

Details

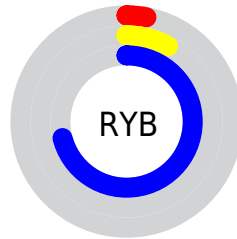
The YUV color **34.9400, 71.5146, -24.5034** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **152.0600, -71.5146, 24.5034**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.5950, 68.2337, 1.2322**, and **14.2500, 54.5998, -12.4972** is the 20% darker color. If you saturate the color by 10%, you get **29.3250, 74.2828, -25.7180**, and if you desaturate by 10%, it is **50.3010, 63.9416, -22.1890**.

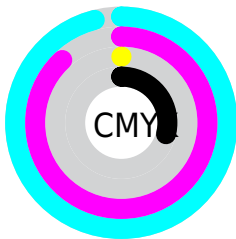
Distribution



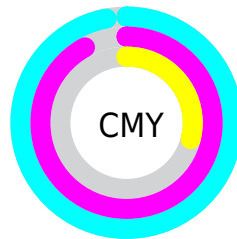
- Red (3%)
- Green (8%)
- Blue (71%)



- Red (3%)
- Yellow (8%)
- Blue (71%)



- Cyan (96%)
- Magenta (88%)
- Yellow (0%)
- Black (29%)



- Cyan (97%)
- Magenta (92%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.9400, 71.5146, -24.5034 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 34.9400, 71.5146, -24.5034 by changing the saturation by 10% instead.

■ 34.9400, 71.5146,
-24.5034

■ 34.9400, 71.5146,
-24.5034

■ 255.0000, 0.0000,
0.0000

■ 17.3280, 66.3933,
-15.1967

■ 98.5950, 68.2337,
1.2322

■ 14.2500, 54.5998,
-12.4972

■ 124.5910, 64.2916,
5.6207

■ 11.2860, 43.2430,
-9.8978

■ 149.1220, 52.1979,
11.2940

■ 13.7190, 29.7185,
-12.0316

■ 174.2400, 39.8147,
16.4525

■ 8.1620, 21.1191,
-7.1581

■ 199.3580, 27.4315,
21.6110

■ 4.4800, 12.0884,
-3.9290

■ 225.0630, 14.7589,

■ 0.0000, 0.0000,

26.2547

0.0000

■ 241.4990, 6.6560,
11.8404

■ 34.9400, 71.5146,
-24.5034

■ 34.9400, 71.5146,
-24.5034

■ 29.3250, 74.2828,
-25.7180

■ 50.3010, 63.9416,
-22.1890

■ 65.0750, 56.6580,
-19.3598

■ 80.4360, 49.0851,
-17.0454

■ 95.2100, 41.8015,
-14.2162

■ 110.5710, 34.2285,
-11.9018

■ 125.3450, 26.9449,
-9.0726

■ 140.7060, 19.3719,
-6.7582

■ 155.4800, 12.0884,
-3.9290

■ 170.8410, 4.5154,
-1.6146

Harmonies

Analogous

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



63.0410, 71.4648, -55.2870



34.9400, 71.5146, -24.5034



56.0240, 31.0472, 75.4010

Triad

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



34.9400, 71.5146, -24.5034



42.0160, -20.7139, 64.0070



52.7230, 6.5456, -46.2381

Complementary

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



34.9400, 71.5146, -24.5034



152.0600, -71.5146, 24.5034

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.



44.0250, -21.7043, -38.6099



34.9400, 71.5146, -24.5034



51.6870, -25.4817, 6.4135

Square

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



34.9400, 71.5146, -24.5034



45.7470, -22.5533, 94.0609



41.0900, -20.2574, -36.0359



62.2190, 37.8530, -54.5661

Rectangle

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



34.9400, 71.5146, -24.5034



57.2440, 7.2747, 93.6250



41.0900, -20.2574, -36.0359



49.1720, -4.5218, -43.1238

Sweetspot

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



34.9400, 71.5146, -24.5034



177.6870, 28.2553, -9.3725



126.6770, 19.3862, -104.9567



83.0220, 16.7512, -6.1583



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



34.9400, 71.5146, -24.5034



37.9430, 97.1491, -33.2760



48.2500, 64.9527, 26.9677



81.6130, 3.6418, -1.4146



24.4860, 63.3574, -21.4742



4.1380, 10.7780, -3.6290

Inverse Universe

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



60.3230, -19.3862, 104.9567



72.4310, -26.3415, 142.5730



138.7500, -64.9527, -26.9677



82.8050, -0.8899, 5.4330



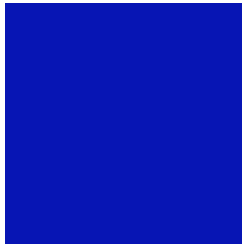
47.1150, -17.3117, 92.8611



8.0020, -2.9590, 15.7842

Previews

White Background



This preview shows how the YUV color 34.9400, 71.5146, -24.5034 looks on a white background.

Color Contrast Check

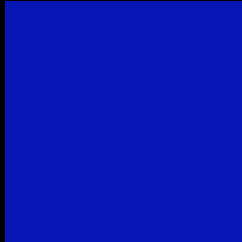
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.9400, 71.5146, -24.5034 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 34.9400, 71.5146, -24.5034

Background



This preview shows how black text looks on a background with the YUV color 34.9400, 71.5146, -24.5034.



This preview shows how white text looks on a background with the YUV color 34.9400, 71.5146,

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

34.9400, 71.5146, -24.5034

Protanopia

45.3950, 34.3153, -39.8114

Deuteranopia

45.1040, 25.5847, -39.5562

Trichromacy



Original Color

34.9400, 71.5146, -24.5034

Protanomaly

41.9840, 47.8289, -34.1890

Deuteranomaly

41.7900, 42.0085, -34.0188

Monochromacy



Original Color

34.9400, 71.5146, -24.5034

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.1170, 26.0713, -8.8726

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.9400, 71.5146, -24.5034 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(7, 21, 180)` looks like.

```
.text, #text, p{  
    color:rgb(7, 21, 180)  
}
```

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(7, 21, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 21, 180) }
```

Border

The CSS property to change the border of an element to YUV 34.9400, 71.5146, -24.5034 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(7, 21, 180) }
```

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

```
.border{ border-color:rgb(7, 21, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 21, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 21, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 21, 180);  
box-shadow:4px 4px 4px 4px rgb(7, 21, 180)  
}
```


Background

The CSS property to change the background color of an element to YUV 34.9400, 71.5146, -24.5034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 21, 180) }
```

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

```
.background{ background-color: rgb(7, 21,  
180) }
```

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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