

Converting Colors

YUV(25.3470, 74.2719,
-22.2293)

Have a look what the booklet for
YUV(25.3470, 74.2719, -22.2293)
contains.

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Color

**YUV(25.3470, 74.2719,
-22.2293)**

Conversions

Conversions Part 1

Format	Color
Hex	0009B0
RGB	0, 9, 176
RGB Percent	0%, 4%, 69%
CMY	1.0000, 0.9647, 0.3098
CMYK	1.00, 0.95, 0.00, 0.31
HSL	237°, 100%, 35%
HSV	237°, 100%, 69%
XYZ	7.9342, 3.3300, 41.2989
YIQ	25.3470, -58.9710, 50.0290

Conversions

Conversions Part 2

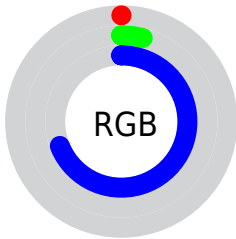
Format	Color
RYB	0, 9, 176
Decimal	2480
CIELab	21.32, 57.66, -80.43
CIELCh	21, 98.962, 305.636
Yxy	3.3300, 0.1509, 0.0634
Android (android.graphics.Color)	4278192560 (0xFF0009B0)
YUV	25.3470, 74.2719, -22.2293
Hunter-Lab	18.2482, 45.6760, -121.4100

Details

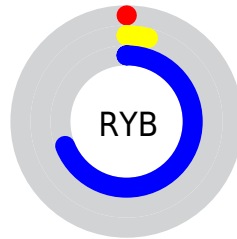
The YUV color **25.3470, 74.2719, -22.2293** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **150.6530, -74.2719, 22.2293**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.8450, 69.0964, 4.5209**, and **13.9080, 53.2894, -12.1973** is the 20% darker color. If you saturate the color by 10%, you get **25.3470, 74.2719, -22.2293**, and if you desaturate by 10%, it is **40.7080, 66.6990, -19.9149**.

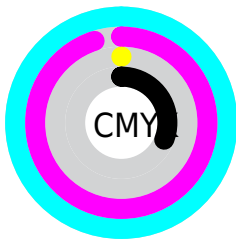
Distribution



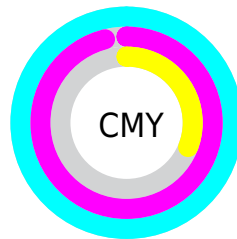
- Red (0%)
- Green (4%)
- Blue (69%)



- Red (0%)
- Yellow (4%)
- Blue (69%)



- Cyan (100%)
- Magenta (95%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (96%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.3470, 74.2719, -22.2293 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 25.3470, 74.2719, -22.2293 by changing the saturation by 10% instead.

■ 25.3470, 74.2719,
-22.2293

■ 25.3470, 74.2719,
-22.2293

■ 254.4130, 0.2894,
0.5148

■ 16.8720, 64.6461,
-14.7967

■ 92.8450, 69.0964,
4.5209

■ 13.9080, 53.2894,
-12.1973

■ 120.1830, 66.4648,
8.6095

■ 10.9440, 41.9326,
-9.5979

■ 144.7140, 54.3710,
14.2828

■ 12.7900, 28.6975,
-11.2168

■ 168.9460, 42.4246,
19.3414

■ 7.7060, 19.3719,
-6.7582

■ 194.0640, 30.0414,
24.4999

■ 3.5510, 11.0674,
-3.1142

■ 219.7690, 17.3689,

■ 0.0000, 0.0000,

29.1436

0.0000

■ 237.3900, 8.6817,
15.4440

■ 25.3470, 74.2719,
-22.2293

■ 40.7080, 66.6990,
-19.9149

■ 55.1830, 59.5628,
-17.7005

■ 70.5440, 51.9898,
-15.3861

■ 85.6060, 44.5642,
-13.6865

■ 100.3800, 37.2807,
-10.8573

■ 115.7410, 29.7077,
-8.5429

■ 130.8030, 22.2821,
-6.8432

■ 146.1640, 14.7091,
-4.5288

■ 160.6390, 7.5730,
-2.3144

Harmonies

Analogous

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



60.4650, 71.7488, -53.0278



25.3470, 74.2719, -22.2293



54.5570, 29.3054, 74.0565

Triad

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



25.3470, 74.2719, -22.2293



36.4010, -17.9457, 62.7923



49.5600, 7.1189, -43.4641

Complementary

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



25.3470, 74.2719, -22.2293



150.6530, -74.2719, 22.2293

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.



41.0900, -20.2574, -36.0359



25.3470, 74.2719, -22.2293



47.2460, -23.2923, 4.1693

Square

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



25.3470, 74.2719, -22.2293



44.2520, -21.8162, 90.9870



38.7420, -19.0998, -33.9767



59.7570, 38.5738, -52.4069

Rectangle

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



25.3470, 74.2719, -22.2293



55.6630, 5.0961, 92.3805



38.7420, -19.0998, -33.9767



46.0090, -3.9484, -40.3499

Sweetspot

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



25.3470, 74.2719, -22.2293



170.6270, 29.2709, -8.4429



122.0080, 20.7021, -107.0010



79.5490, 17.4773, -5.7435



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



25.3470, 74.2719, -22.2293



33.2640, 96.9908, -29.1725



42.7880, 65.6735, 29.1269



81.6130, 3.6418, -1.4146



22.1380, 64.5150, -19.4150



3.5510, 11.0674, -3.1142

Inverse Universe

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



53.6500, -22.0124, 107.3010



70.1380, -28.6620, 140.1990



133.2120, -65.6735, -29.1269



82.8050, -0.8899, 5.4330



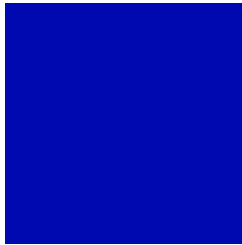
46.6590, -19.0589, 93.2611



7.8880, -3.3958, 15.8842

Previews

White Background



This preview shows how the YUV color 25.3470, 74.2719, -22.2293 looks on a white background.

Color Contrast Check

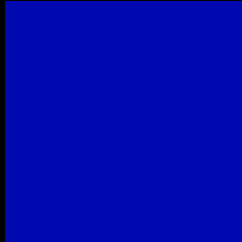
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3470, 74.2719, -22.2293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

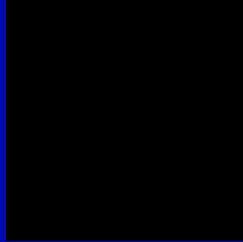
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.3470, 74.2719, -22.2293

Background



This preview shows how black text looks on a background with the YUV color 25.3470, 74.2719, -22.2293.



This preview shows how white text looks on a background with the YUV color 25.3470, 74.2719, -22.2293.

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

25.3470, 74.2719, -22.2293

Protanopia

42.8360, 32.1259, -37.5672

Deuteranopia

42.7730, 24.2689, -37.5119



Tritanopia

42.2880, 9.7180, -37.0866

Trichromacy



Original Color

25.3470, 74.2719, -22.2293

Protanomaly

36.2940, 47.6761, -31.8298

Deuteranomaly

36.3280, 42.7293, -31.8597

Tritanomaly

35.8090, 33.1252, -31.4045

Monochromacy



Original Color

25.3470, 74.2719, -22.2293

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.0570, 27.0869, -7.9430

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.3470, 74.2719, -22.2293 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(0, 9, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 9, 176)  
}
```

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(0, 9, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 9, 176) }
```

Border

The CSS property to change the border of an element to YUV 25.3470, 74.2719, -22.2293 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(0, 9, 176) }
```


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

```
.border{ border-color:rgb(0, 9, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 9, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 9, 176); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 9, 176); box-shadow:4px  
4px 4px 4px rgb(0, 9, 176) }
```

Background

The CSS property to change the background color of an element to YUV 25.3470, 74.2719, -22.2293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 9, 176) }
```

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

```
.background{ background-color: rgb(0, 9,  
176) }
```

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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