

Converting Colors

YUV(37.8690, 72.5356,
-25.3181)

Have a look what the booklet for
YUV(37.8690, 72.5356, -25.3181)
contains.

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Color

**YUV(37.8690, 72.5356,
-25.3181)**

Conversions

Conversions Part 1

Format	Color
Hex	0918B9
RGB	9, 24, 185
RGB Percent	4%, 9%, 73%
CMY	0.9647, 0.9059, 0.2745
CMYK	0.95, 0.87, 0.00, 0.27
HSL	235°, 91%, 38%
HSV	235°, 95%, 73%
XYZ	9.1962, 4.2141, 46.2277
YIQ	37.8690, -60.6210, 46.8910

Conversions

Conversions Part 2

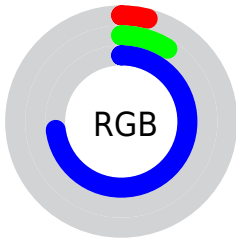
Format	Color
R _Y B	9, 23, 185
Decimal	596153
CIE Lab	24.37, 55.55, -80.72
CIE LCh	24, 97.984, 304.533
Yxy	4.2141, 0.1542, 0.0707
Android (android.graphics.Color)	4278786233 (0xFF0918B9)
YUV	37.8690, 72.5356, -25.3181
Hunter-Lab	20.5283, 44.0395, -119.1450

Details

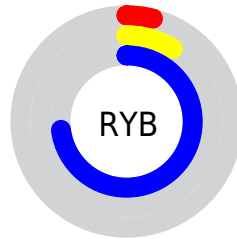
The YUV color **37.8690, 72.5356, -25.3181** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **156.1310, -72.5356, 25.3181**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.3390, 69.8389, -0.2973**, and **14.8200, 56.7837, -12.9971** is the 20% darker color. If you saturate the color by 10%, you get **30.4820, 76.1774, -26.7327**, and if you desaturate by 10%, it is **53.2300, 64.9626, -23.0037**.

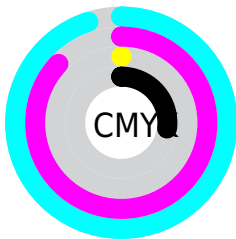
Distribution



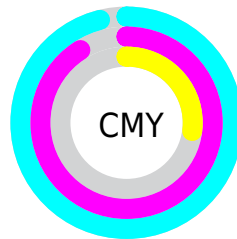
- Red (4%)
- Green (9%)
- Blue (73%)



- Red (4%)
- Yellow (9%)
- Blue (73%)



- Cyan (95%)
- Magenta (87%)
- Yellow (0%)
- Black (27%)



- Cyan (96%)
- Magenta (91%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.8690, 72.5356, -25.3181 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 37.8690, 72.5356, -25.3181 by changing the saturation by 10% instead.

■ 37.8690, 72.5356,
-25.3181

■ 37.8690, 72.5356,
-25.3181

■ 255.0000, 0.0000,
0.0000

■ 17.8980, 68.5773,
-15.6965

■ 101.3390, 69.8389,
-0.2973

■ 14.8200, 56.7837,
-12.9971

■ 126.9500, 63.1287,
5.3059

■ 11.8560, 45.4270,
-10.3977

■ 151.4810, 51.0349,
10.9792

■ 14.8760, 31.6131,
-13.0463

■ 176.5990, 38.6517,
16.1377

■ 9.2050, 22.5769,
-8.0728

■ 201.7170, 26.2685,
21.2962

■ 4.8220, 13.3988,
-4.2289

■ 226.8240, 13.8908,


■ 0.5700, 2.1840,

24.7104


-0.4999


 243.8470, 5.4984,
9.7812


 0.0000, 0.0000,
0.0000


 37.8690, 72.5356,
-25.3181


 37.8690, 72.5356,
-25.3181


 30.4820, 76.1774,
-26.7327

 53.2300, 64.9626,
-23.0037

 68.8900, 57.2422,
-20.0745

 84.2510, 49.6693,
-17.7601

 99.9110, 41.9489,
-14.8309

 115.5710, 34.2285,
-11.9018

■ 130.9320, 26.6555,
-9.5874

■ 146.0050, 19.2245,
-6.1434

■ 161.3660, 11.6516,
-3.8290

■ 176.7270, 4.0786,
-1.5146

Harmonies

Analogous

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



65.3720, 72.7806, -57.3312



37.8690, 72.5356, -25.3181



57.6760, 32.2047, 77.4601

Triad

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



37.8690, 72.5356, -25.3181



44.3860, -21.8823, 65.4365



54.7120, 6.5510, -47.9824

Complementary

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



37.8690, 72.5356, -25.3181



156.1310, -72.5356, 25.3181

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.



45.1990, -22.2831, -39.6395



37.8690, 72.5356, -25.3181



53.7580, -26.5027, 7.2282

Square

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



37.8690, 72.5356, -25.3181



47.2420, -23.2903, 97.1348



42.8510, -21.1255, -37.5803



64.4360, 38.7321, -56.5104

Rectangle

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



37.8690, 72.5356, -25.3181



59.0810, 7.8481, 96.3990



42.8510, -21.1255, -37.5803



51.1610, -4.5164, -44.8682

Sweetspot

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



37.8690, 72.5356, -25.3181



181.5020, 28.8395, -10.0873



130.3240, 18.0813, -106.4011



84.5490, 17.4773, -5.7435



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



37.8690, 72.5356, -25.3181



39.1000, 99.0437, -34.2907



49.9940, 66.5580, 25.4383



84.0260, 3.9312, -0.8998



25.4150, 64.3784, -22.2890



4.3660, 11.6516, -3.8290

Inverse Universe

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



63.3340, -19.3917, 106.7011



74.0400, -26.6417, 145.5469



144.0060, -66.5580, -25.4383



85.6910, -1.3267, 5.5330



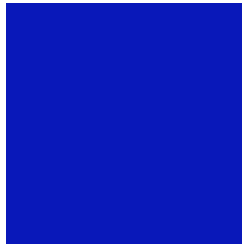
48.1260, -17.3171, 94.6055



8.6000, -3.2538, 17.0138

Previews

White Background



This preview shows how the YUV color 37.8690, 72.5356, -25.3181 looks on a white background.

Color Contrast Check

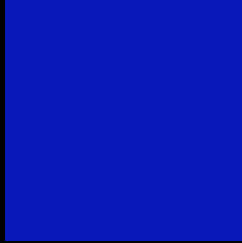
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.8690, 72.5356, -25.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

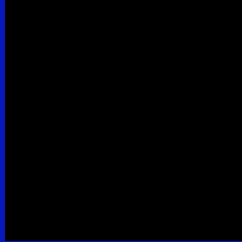
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.8690, 72.5356, -25.3181

Background



This preview shows how black text looks on a background with the YUV color 37.8690, 72.5356, -25.3181.



This preview shows how white text looks on a background with the YUV color 37.8690, 72.5356, -25.3181.

-25.3181.

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

37.8690, 72.5356, -25.3181

Protanopia

47.0250, 35.4837, -41.2409

Deuteranopia

47.3210, 26.4637, -41.5005



Tritanopia

45.9070, 10.8918, -40.2604

Trichromacy



Original Color

37.8690, 72.5356, -25.3181

Protanomaly

43.6140, 48.9973, -35.6185

Deuteranomaly

44.1210, 43.3243, -36.0631

Tritanomaly

42.9010, 33.5728, -34.9932

Monochromacy



Original Color

37.8690, 72.5356, -25.3181

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.8180, 26.2187, -9.4874

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.8690, 72.5356, -25.3181 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(9, 24, 185)` looks like.

```
.text, #text, p{  
    color:rgb(9, 24, 185)  
}
```

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(9, 24, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 24, 185) }
```

Border

The CSS property to change the border of an element to YUV 37.8690, 72.5356, -25.3181 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(9, 24, 185) }
```


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

```
.border{ border-color:rgb(9, 24, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 24, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 24, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 24, 185);  
box-shadow:4px 4px 4px 4px rgb(9, 24, 185)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.8690, 72.5356, -25.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 24, 185) }
```

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

```
.background{ background-color: rgb(9, 24,  
185) }
```

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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