

Converting Colors

YUV(35.3880, 82.1397,
-25.7733)

Have a look what the booklet for
YUV(35.3880, 82.1397, -25.7733)
contains.

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Color

**YUV(35.3880, 82.1397,
-25.7733)**

Conversions

Conversions Part 1

Format	Color
Hex	0612CA
RGB	6, 18, 202
RGB Percent	2%, 7%, 79%
CMY	0.9765, 0.9294, 0.2078
CMYK	0.97, 0.91, 0.00, 0.21
HSL	236°, 94%, 41%
HSV	236°, 97%, 79%
XYZ	10.9521, 4.7356, 56.2139
YIQ	35.3880, -66.2160, 54.6800

Conversions

Conversions Part 2

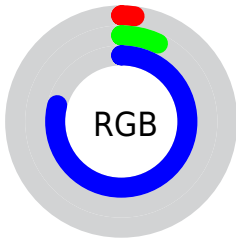
Format	Color
RYB	6, 17, 202
Decimal	398026
CIELab	25.97, 62.41, -88.09
CIELCh	26, 107.956, 305.319
Yxy	4.7356, 0.1523, 0.0659
Android (android.graphics.Color)	4278588106 (0xFF0612CA)
YUV	35.3880, 82.1397, -25.7733
Hunter-Lab	21.7614, 51.7529, -137.9244

Details

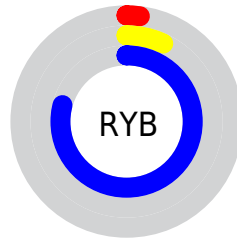
The YUV color **35.3880, 82.1397, -25.7733** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **172.6120, -82.1397, 25.7733**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.0280, 74.9222, 2.6064**, and **16.6440, 63.7725, -14.5968** is the 20% darker color. If you saturate the color by 10%, you get **30.0720, 84.7605, -26.3731**, and if you desaturate by 10%, it is **52.5210, 73.6931, -23.2589**.

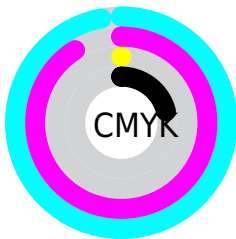
Distribution



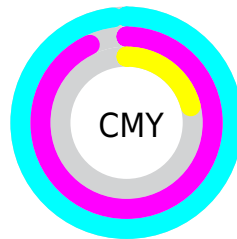
- Red (2%)
- Green (7%)
- Blue (79%)



- Red (2%)
- Yellow (7%)
- Blue (79%)



- Cyan (97%)
- Magenta (91%)
- Yellow (0%)
- Black (21%)



- Cyan (98%)
- Magenta (93%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.3880, 82.1397, -25.7733 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 35.3880, 82.1397, -25.7733 by changing the saturation by 10% instead.

■ 35.3880, 82.1397,
-25.7733

■ 35.3880, 82.1397,
-25.7733

■ 255.0000, 0.0000,
0.0000

■ 19.8360, 76.0029,
-17.3962

■ 103.0280, 74.9222,
2.6064

■ 16.6440, 63.7725,
-14.5968

■ 127.5700, 62.8230,
10.0241

■ 13.5660, 51.9790,
-11.8974

■ 152.9870, 50.2924,
15.7974

■ 18.2330, 36.8601,
-15.9903

■ 178.4040, 37.7618,
21.5707

■ 12.5620, 27.8239,
-11.0169

■ 203.5220, 25.3787,
26.7292

■ 6.8910, 18.7877,
-6.0434

■ 226.2370, 14.1802,


■ 3.3230, 10.1938,


25.2252


-2.9143


 243.2600, 5.7878,
10.2960


 0.0000, 0.0000,
0.0000


 35.3880, 82.1397,
-25.7733


 35.3880, 82.1397,
-25.7733


 30.0720, 84.7605,
-26.3731

 52.5210, 73.6931,
-23.2589

 69.6540, 65.2466,
-20.7446

 87.0860, 56.6526,
-17.6154

 104.2190, 48.2060,
-15.1011

 121.3520, 39.7595,
-12.5867

■ 138.4850, 31.3129,
-10.0723

■ 155.6180, 22.8663,
-7.5580

■ 173.0500, 14.2724,
-4.4288

■ 190.1830, 5.8258,
-1.9145

Harmonies

Analogous

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



70.8150, 80.9432, -62.1048



35.3880, 82.1397, -25.7733



62.8880, 34.0722, 85.1672

Triad

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



35.3880, 82.1397, -25.7733



45.0170, -22.1934, 71.8991



58.4450, 8.1616, -51.2563

Complementary

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



35.3880, 82.1397, -25.7733



172.6120, -82.1397, 25.7733

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.



48.7210, -24.0195, -42.7283



35.3880, 82.1397, -25.7733



56.9920, -28.0971, 5.2690

Square

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



35.3880, 82.1397, -25.7733



51.1290, -25.2066, 105.1269



45.7860, -22.5725, -40.1543



69.6680, 43.5477, -61.0988

Rectangle

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



35.3880, 82.1397, -25.7733



64.3210, 7.2367, 105.8355



45.7860, -22.5725, -40.1543



54.5520, -4.2161, -47.8421

Sweetspot

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



35.3880, 82.1397, -25.7733



192.3710, 30.8761, -9.9724



141.9140, 23.2134, -119.1966



89.8910, 18.7877, -6.0434



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.



35.3880, 82.1397, -25.7733



38.4620, 106.7532, -33.7312



53.7590, 73.0828, 32.6604



93.1400, 4.3680, -0.9998



24.7940, 69.6146, -21.7443



5.5060, 16.0195, -4.8288

Inverse Universe

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



65.9720, -23.6502, 119.2966



78.0690, -30.6000, 155.1685



154.2410, -73.0828, -32.6604



94.9900, -1.4741, 6.1478



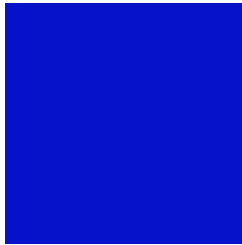
50.7740, -20.1016, 101.0532



11.5900, -4.7279, 23.1616

Previews

White Background



This preview shows how the YUV color 35.3880, 82.1397, -25.7733 looks on a white background.

Color Contrast Check

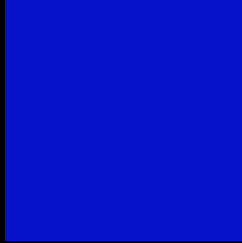
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3880, 82.1397, -25.7733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

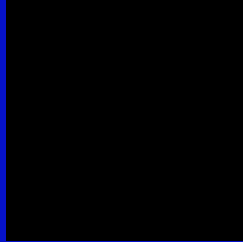
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.3880, 82.1397, -25.7733

Background



This preview shows how black text looks on a background with the YUV color 35.3880, 82.1397, -25.7733.



This preview shows how white text looks on a background with the YUV color 35.3880, 82.1397, -25.7733.

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

35.3880, 82.1397, -25.7733

Protanopia

49.5840, 37.6731, -43.4852

Deuteranopia

49.7660, 28.2164, -43.6448



Tritanopia

48.7110, 11.4815, -42.7195

Trichromacy



Original Color

35.3880, 82.1397, -25.7733

Protanomaly

44.5690, 53.9495, -37.3330

Deuteranomaly

44.3750, 48.1291, -37.1629

Tritanomaly

43.5140, 37.2146, -36.4078

Monochromacy



Original Color

35.3880, 82.1397, -25.7733

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.1430, 30.0025, -9.7724

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.3880, 82.1397, -25.7733 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(6, 18, 202)` looks like.

```
.text, #text, p{  
    color:rgb(6, 18, 202)  
}
```

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(6, 18, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 18, 202) }
```

Border

The CSS property to change the border of an element to YUV 35.3880, 82.1397, -25.7733 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(6, 18, 202) }
```


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

```
.border{ border-color:rgb(6, 18, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 18, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 18, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 18, 202);  
box-shadow:4px 4px 4px 4px rgb(6, 18, 202)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.3880, 82.1397, -25.7733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 18, 202) }
```

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

```
.background{ background-color: rgb(6, 18,  
202) }
```

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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