

Converting Colors

YUV(95.3810, 42.2102,
-52.0771)

Have a look what the booklet for
YUV(95.3810, 42.2102, -52.0771)
contains.

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Color

**YUV(95.3810, 42.2102,
-52.0771)**

Conversions

Conversions Part 1

Format	Color
Hex	246DB5
RGB	36, 109, 181
RGB Percent	14%, 43%, 71%
CMY	0.8588, 0.5725, 0.2902
CMYK	0.80, 0.40, 0.00, 0.29
HSL	210°, 67%, 43%
HSV	210°, 80%, 71%
XYZ	14.5367, 14.6485, 45.7773
YIQ	95.3810, -66.6200, 6.9160

Conversions

Conversions Part 2

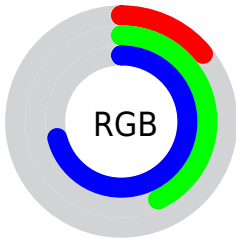
Format	Color
R_{YB}	36, 85, 181
Decimal	2387381
CIE Lab	45.15, 3.82, -44.40
CIE LCh	45, 44.563, 274.914
Yxy	14.6485, 0.1939, 0.1954
Android (android.graphics.Color)	4280577461 (0xFF246DB5)
YUV	95.3810, 42.2102, -52.0771
Hunter-Lab	38.2734, 0.8179, -44.1231

Details

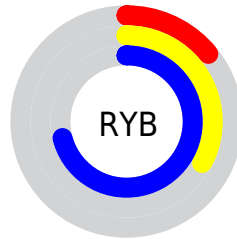
The YUV color **95.3810, 42.2102, -52.0771** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **121.6190, -42.2102, 52.0771**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.0340, 41.8882, -42.1258**, and **50.9860, 37.9679, -44.7147** is the 20% darker color. If you saturate the color by 10%, you get **84.7160, 47.4680, -58.5099**, and if you desaturate by 10%, it is **106.0460, 36.9523, -45.6443**.

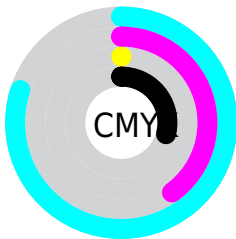
Distribution



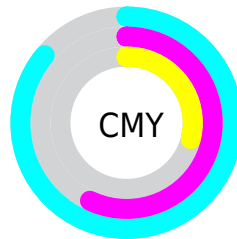
- Red (14%)
- Green (43%)
- Blue (71%)



- Red (14%)
- Yellow (33%)
- Blue (71%)



- Cyan (80%)
- Magenta (40%)
- Yellow (0%)
- Black (29%)



- Cyan (86%)
- Magenta (57%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.3810, 42.2102, -52.0771 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 95.3810, 42.2102, -52.0771 by changing the saturation by 10% instead.

■ 95.3810, 42.2102,
-52.0771

■ 95.3810, 42.2102,
-52.0771

■ 255.0000, 0.0000,
0.0000

■ 67.4510, 42.6687,
-59.1545

■ 152.0340, 41.8882,
-42.1258

■ 50.9860, 37.9679,
-44.7147

■ 178.9050, 37.5148,
-39.3817

■ 35.6950, 32.6884,
-31.3045

■ 204.0120, 25.1371,
-35.9675

■ 21.2190, 27.9930,
-18.6091

■ 229.4180, 12.6119,
-31.9386

■ 9.0910, 22.1401,
-7.9728

■ 245.1330, 4.8644,
-20.2876

■ 4.8220, 13.3988,
-4.2289

■ 254.1030, 0.4422,

■ 0.4560, 1.7472,

-1.8443

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 95.3810, 42.2102,
-52.0771

■ 95.3810, 42.2102,
-52.0771

■ 84.7160, 47.4680,
-58.5099

■ 106.0460, 36.9523,
-45.6443

■ 74.0510, 52.7259,
-64.9427

■ 116.7110, 31.6945,
-39.2115

■ 127.3760, 26.4366,
-32.7788

■ 138.0410, 21.1788,
-26.3460

■ 149.0050, 15.7735,
-19.2984

■ 159.6700, 10.5157,
-12.8656

■ 170.3350, 5.2578,
-6.4328

■ 181.0000, 0.0000,
0.0000

■ 191.6650, -5.2578,
6.4328

Harmonies

Analogous

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



89.6890, 41.5653, -78.6573



95.3810, 42.2102, -52.0771



109.0140, 29.0801, 6.1267

Triad

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



95.3810, 42.2102, -52.0771



105.0260, -19.2398, 57.8592



85.1220, -5.4831, -61.4970

Complementary

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



95.3810, 42.2102, -52.0771



121.6190, -42.2102, 52.0771

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.



97.9850, -27.6006, -14.0188



95.3810, 42.2102, -52.0771



104.0720, -32.5735, 41.1559

Square

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



95.3810, 42.2102, -52.0771



105.9180, -1.9316, 59.7079



101.9520, -37.4443, 16.7051



86.1430, 12.7475, -75.5474

Rectangle

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



95.3810, 42.2102, -52.0771



110.0620, 19.6894, 31.5176



101.9520, -37.4443, 16.7051



92.1480, -14.8630, -39.5948

Sweetspot

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



95.3810, 42.2102, -52.0771



201.5210, 16.5051, -20.6279



129.0950, -11.3858, -81.6443



96.8550, 9.9315, -12.1508



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.



95.3810, 42.2102, -52.0771



101.6820, 65.7258, -81.2821



53.7040, 62.7569, -15.5264



83.9610, 2.4842, -3.4738



62.6410, 44.5470, -54.9362



10.5950, 7.5947, -9.2918

Inverse Universe

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



87.6770, 10.5122, 81.8443



89.5700, 16.4810, 127.5421



163.2960, -62.7569, 15.5264



83.2610, 0.8573, 5.0331



54.5250, 11.0802, 86.3626



9.2560, 1.8458, 14.6845

Previews

White Background



This preview shows how the YUV color 95.3810, 42.2102, -52.0771 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 × Fail

Black Background



This preview shows how the YUV color 95.3810, 42.2102, -52.0771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

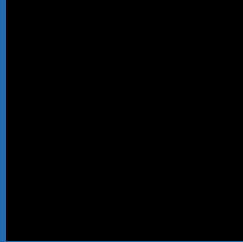
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.3810, 42.2102, -52.0771

Background



This preview shows how black text looks on a background with the YUV color 95.3810, 42.2102, -52.0771.



This preview shows how white text looks on a background with the YUV color 95.3810, 42.2102,

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

95.3810, 42.2102, -52.0771

Protanopia

104.1350, 35.4294, -23.7974

Deuteranopia

98.6920, 40.5778, -41.8259



Tritanopia

83.7440, 21.3252, -73.4435

Trichromacy



Original Color

95.3810, 42.2102, -52.0771

Protanomaly

101.0520, 37.9354, -34.2486

Deuteranomaly

97.7840, 41.0255, -45.4146

Tritanomaly

88.1500, 29.0131, -65.9065

Monochromacy



Original Color

95.3810, 42.2102, -52.0771

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.1900, 15.1893, -18.5836

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.3810, 42.2102, -52.0771 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, 109, 181)` looks like.

```
.text, #text, p{  
    color:rgb(36, 109, 181)  
}
```

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, 109, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 109, 181) }
```

Border

The CSS property to change the border of an element to YUV 95.3810, 42.2102, -52.0771 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, 109, 181) }
```


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

```
.border{ border-color:rgb(36, 109, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 109, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 109, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 109, 181);  
box-shadow:4px 4px 4px 4px rgb(36, 109,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 95.3810, 42.2102, -52.0771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 109, 181) }
```

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

```
.background{ background-color: rgb(36, 109,  
181) }
```

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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