

Converting Colors

YUV(57.7720, 52.8634,
-15.5860)

Have a look what the booklet for
YUV(57.7720, 52.8634, -15.5860)
contains.

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Color

**YUV(57.7720, 52.8634,
-15.5860)**

Conversions

Conversions Part 1

Format	Color
Hex	282EA5
RGB	40, 46, 165
RGB Percent	16%, 18%, 65%
CMY	0.8431, 0.8196, 0.3529
CMYK	0.76, 0.72, 0.00, 0.35
HSL	237°, 61%, 40%
HSV	237°, 76%, 65%
XYZ	8.6436, 5.1217, 36.1303
YIQ	57.7720, -41.7750, 35.7370

Conversions

Conversions Part 2

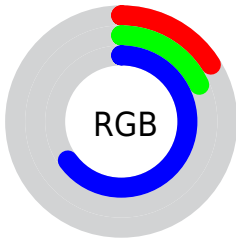
Format	Color
R_{YB}	40, 46, 165
Decimal	2633381
CIE _{Lab}	27.08, 39.16, -64.19
CIE _{LCh}	27, 75.193, 301.388
Yxy	5.1217, 0.1732, 0.1026
Android (android.graphics.Color)	4280823461 (0xFF282EA5)
YUV	57.7720, 52.8634, -15.5860
Hunter-Lab	22.6312, 28.5703, -78.8136

Details

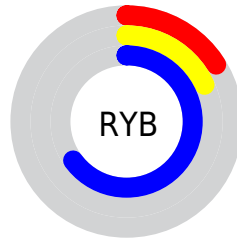
The YUV color **57.7720, 52.8634, -15.5860** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **147.2280, -52.8634, 15.5860**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.4790, 53.9939, -4.8051**, and **15.7030, 47.4744, -13.7715** is the 20% darker color. If you saturate the color by 10%, you get **43.5960, 59.8522, -17.1857**, and if you desaturate by 10%, it is **72.2470, 45.7272, -13.3716**.

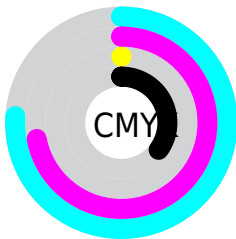
Distribution



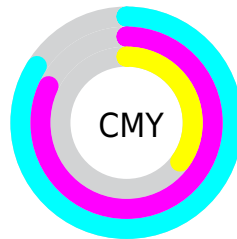
- Red (16%)
- Green (18%)
- Blue (65%)



- Red (16%)
- Yellow (18%)
- Blue (65%)



- Cyan (76%)
- Magenta (72%)
- Yellow (0%)
- Black (35%)



- Cyan (84%)
- Magenta (82%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.7720, 52.8634, -15.5860 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 57.7720, 52.8634, -15.5860 by changing the saturation by 10% instead.

■ 57.7720, 52.8634,
-15.5860

■ 57.7720, 52.8634,
-15.5860

■ 255.0000, 0.0000,
0.0000

■ 29.8200, 53.3327,
-26.1521

■ 111.4790, 53.9939,
-4.8051

■ 15.7030, 47.4744,
-13.7715

■ 138.1310, 55.1514,
-2.7459

■ 9.9180, 38.0014,
-8.6981

■ 162.9330, 45.3890,
1.8128

■ 10.5900, 25.3451,
-9.2874

■ 186.8660, 33.5901,
6.2565

■ 6.2070, 16.1669,
-5.4435

■ 212.2720, 21.0649,
10.2855

■ 2.5250, 7.1362,
-2.2144

■ 237.6780, 8.5397,

■ 0.0000, 0.0000,

14.3144

0.0000

■ 57.7720, 52.8634,
-15.5860

■ 57.7720, 52.8634,
-15.5860

■ 43.5960, 59.8522,
-17.1857

■ 72.2470, 45.7272,
-13.3716

■ 29.7080, 66.6990,
-19.9149

■ 85.8360, 39.0279,
-11.2572

■ 23.5060, 69.7565,
-20.6148

■ 100.3110, 31.8917,
-9.0427

■ 114.4870, 24.9029,
-7.4431

■ 128.6630, 17.9141,
-5.8435

■ 142.5510, 11.0674,
-3.1142

■ 156.7270, 4.0786,
-1.5146

■ 171.2020, -3.0576,
0.6998

■ 185.0900, -9.9044,
3.4291

Harmonies

Analogous

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



63.7130, 58.8085, -55.8763



57.7720, 52.8634, -15.5860



52.5500, 33.2529, 67.9237

Triad

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



57.7720, 52.8634, -15.5860



56.1370, -27.6755, 56.8849



56.7180, 4.0830, -49.7417

Complementary

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



57.7720, 52.8634, -15.5860



147.2280, -52.8634, 15.5860

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.



48.1340, -23.7301, -42.2135



57.7720, 52.8634, -15.5860



60.0040, -29.5820, 14.9055

Square

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



57.7720, 52.8634, -15.5860



45.5340, -19.4903, 91.6167



44.6120, -21.9937, -39.1247



64.0310, 29.5647, -56.1552

Rectangle

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



57.7720, 52.8634, -15.5860



54.9100, 13.8484, 85.1479



44.6120, -21.9937, -39.1247



53.8510, -4.3635, -47.2273

Sweetspot

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



57.7720, 52.8634, -15.5860



171.7600, 20.8243, -5.9285



126.9410, 15.8051, -76.2473



81.5940, 12.5252, -4.0289



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



57.7720, 52.8634, -15.5860



47.1000, 82.2817, -24.6437



70.9940, 46.3450, 21.9303



74.6130, 3.6418, -1.4146



20.6390, 61.3100, -18.1004



2.6390, 7.5730, -2.3144

Inverse Universe

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



78.0590, -15.8051, 76.2473



78.4450, -24.3764, 118.8817



134.0060, -46.3450, -21.9303



75.8050, -0.8899, 5.4330



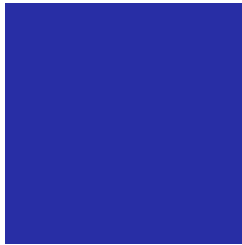
44.1530, -18.3164, 88.4428



5.4960, -2.2165, 10.9660

Previews

White Background



This preview shows how the YUV color 57.7720, 52.8634, -15.5860 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 57.7720, 52.8634, -15.5860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

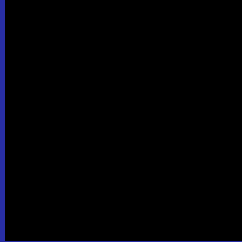
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.7720, 52.8634, -15.5860

Background



This preview shows how black text looks on a background with the YUV color 57.7720, 52.8634, -15.5860.



This preview shows how white text looks on a background with the YUV color 57.7720, 52.8634,

-15.5860.

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

57.7720, 52.8634, -15.5860

Protanopia

51.2140, 38.8415, -44.9147

Deuteranopia

51.3960, 29.3848, -45.0743



Tritanopia

50.2270, 12.2131, -44.0491

Trichromacy



Original Color

57.7720, 52.8634, -15.5860

Protanomaly

53.6590, 44.0451, -33.9039

Deuteranomaly

54.0520, 37.9354, -34.2486

Tritanomaly

53.1910, 27.0208, -33.4935

Monochromacy



Original Color

57.7720, 52.8634, -15.5860

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.0050, 19.2245, -6.1434

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.7720, 52.8634, -15.5860 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(40, 46, 165)` looks like.

```
.text, #text, p{  
    color:rgb(40, 46, 165)  
}
```

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(40, 46, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 46, 165) }
```

Border

The CSS property to change the border of an element to YUV 57.7720, 52.8634, -15.5860 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(40, 46, 165) }
```


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

```
.border{ border-color:rgb(40, 46, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 46, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 46, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 46, 165);  
box-shadow:4px 4px 4px 4px rgb(40, 46,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 57.7720, 52.8634, -15.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 46, 165) }
```

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

```
.background{ background-color: rgb(40, 46,  
165) }
```

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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