

Converting Colors

YUV(81.2950, 35.8436,
-63.4027)

Have a look what the booklet for
YUV(81.2950, 35.8436, -63.4027)
contains.

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Color

**YUV(81.2950, 35.8436,
-63.4027)**

Conversions

Conversions Part 1

Format	Color
Hex	09689A
RGB	9, 104, 154
RGB Percent	4%, 41%, 60%
CMY	0.9647, 0.5922, 0.3961
CMYK	0.94, 0.32, 0.00, 0.40
HSL	201°, 89%, 32%
HSV	201°, 94%, 60%
XYZ	10.8957, 12.2918, 32.3701
YIQ	81.2950, -72.6700, -4.5900

Conversions

Conversions Part 2

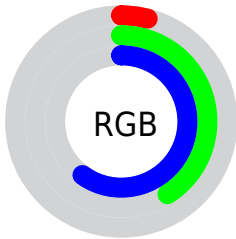
Format	Color
R_{YB}	9, 66, 154
Decimal	616602
CIE _{Lab}	41.68, -5.71, -34.04
CIE _{LCh}	42, 34.517, 260.470
Yxy	12.2918, 0.1961, 0.2212
Android (android.graphics.Color)	4278806682 (0xFF09689A)
YUV	81.2950, 35.8436, -63.4027
Hunter-Lab	35.0597, -5.8809, -30.1999

Details

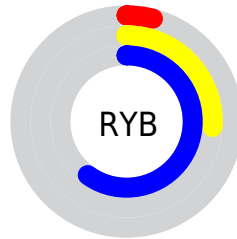
The YUV color **81.2950, 35.8436, -63.4027** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **81.7050, -35.8436, 63.4027**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.8240, 33.6108, -47.2036**, and **45.0870, 28.0581, -39.5413** is the 20% darker color. If you saturate the color by 10%, you get **76.8430, 38.0384, -67.3913**, and if you desaturate by 10%, it is **88.7150, 32.1855, -56.7551**.

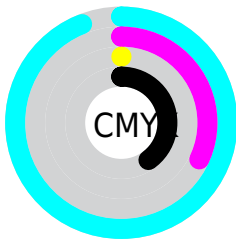
Distribution



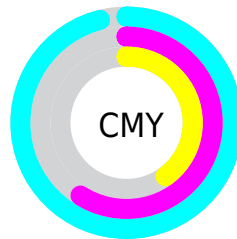
- Red (4%)
- Green (41%)
- Blue (60%)



- Red (4%)
- Yellow (26%)
- Blue (60%)



- Cyan (94%)
- Magenta (32%)
- Yellow (0%)
- Black (40%)



- Cyan (96%)
- Magenta (59%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.2950, 35.8436, -63.4027 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 81.2950, 35.8436, -63.4027 by changing the saturation by 10% instead.

81.2950, 35.8436,
-63.4027

81.2950, 35.8436,
-63.4027

255.0000, 0.0000,
0.0000

61.5520, 32.7589,
-53.9811

140.8240, 33.6108,
-47.2036

45.0870, 28.0581,
-39.5413

168.5360, 33.7528,
-46.0741

30.0240, 23.6522,
-26.3310

195.1080, 29.5268,
-43.9447

15.0750, 19.6830,
-13.2208

220.2150, 17.1490,
-40.5306

4.9360, 13.8356,
-4.3289

239.7510, 7.5178,
-31.3536

0.6840, 2.6208,
-0.5999

248.4220, 3.2430,

0.0000, 0.0000,

-13.5251

0.0000

■ 81.2950, 35.8436,
-63.4027

■ 81.2950, 35.8436,
-63.4027

■ 76.8430, 38.0384,
-67.3913

■ 88.7150, 32.1855,
-56.7551

■ 97.0210, 28.0906,
-50.0074

■ 104.4410, 24.4326,
-43.3598

■ 112.1600, 20.6271,
-36.0973

■ 120.1670, 16.6797,
-29.9645

■ 127.5870, 13.0216,
-23.3168

■ 135.3060, 9.2161,
-16.0544

■ 142.7260, 5.5581,
-9.4067

■ 151.0320, 1.4632,
-2.6591

Harmonies

Analogous

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



80.6440, 29.7555, -70.7248



81.2950, 35.8436, -63.4027



98.1060, 26.0767, -10.6170

Triad

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



81.2950, 35.8436, -63.4027



98.5930, -9.1663, 46.8379



89.7740, -14.1856, -23.4808

Complementary

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



81.2950, 35.8436, -63.4027



81.7050, -35.8436, 63.4027

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.



94.0670, -25.1760, 1.6952



81.2950, 35.8436, -63.4027



97.7480, -21.0748, 39.6860

Square

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



81.2950, 35.8436, -63.4027



100.1050, 4.3852, 40.2499



96.6290, -27.4251, 23.1274



75.7760, 6.0264, -66.4556

Rectangle

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



81.2950, 35.8436, -63.4027



101.3430, 20.0439, 11.1002



96.6290, -27.4251, 23.1274



91.2760, -18.8701, -14.2741

Sweetspot

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



81.2950, 35.8436, -63.4027



173.1030, 13.7532, -24.6463



99.5870, -20.9954, -79.4448



84.4910, 8.6319, -15.3396



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



81.2950, 35.8436, -63.4027



100.3980, 49.5968, -88.0490



39.6180, 56.3903, -26.8520



72.8470, 2.0474, -3.3738



69.9640, 34.5277, -61.3584



6.1780, 3.3632, -5.4181

Inverse Universe

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



63.1850, 20.1218, 79.6448



75.1470, 28.0285, 110.3731



123.3820, -56.3903, 26.8520



71.9620, 1.0047, 4.4183



52.3480, 19.5484, 76.8708



4.7990, 1.5781, 7.1923

Previews

White Background



This preview shows how the YUV color 81.2950, 35.8436, -63.4027 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 81.2950, 35.8436, -63.4027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

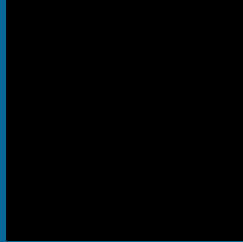
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.2950, 35.8436, -63.4027

Background



This preview shows how black text looks on a background with the YUV color 81.2950, 35.8436, -63.4027.



This preview shows how white text looks on a background with the YUV color 81.2950, 35.8436, -63.4027.

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

81.2950, 35.8436, -63.4027

Protanopia

97.0300, 24.6352, -14.9353

Deuteranopia

94.9300, 29.6145, -25.3716



Tritanopia

77.3210, 19.5617, -67.8105

Trichromacy



Original Color

81.2950, 35.8436, -63.4027

Protanomaly

91.3590, 28.9100, -32.7638

Deuteranomaly

89.8250, 32.1313, -39.3115

Tritanomaly

78.5260, 25.3767, -66.2363

Monochromacy



Original Color

81.2950, 35.8436, -63.4027

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.0000, 13.3110, -22.8020

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.2950, 35.8436, -63.4027 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, 104, 154)` looks like.

```
.text, #text, p{  
    color:rgb(9, 104, 154)  
}
```

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, 104, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 104, 154) }
```

Border

The CSS property to change the border of an element to YUV 81.2950, 35.8436, -63.4027 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, 104, 154) }
```


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

```
.border{ border-color:rgb(9, 104, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 104, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 104, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 104, 154);  
box-shadow:4px 4px 4px 4px rgb(9, 104,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 81.2950, 35.8436, -63.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 104, 154) }
```

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

```
.background{ background-color: rgb(9, 104,  
154) }
```

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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