

Converting Colors

YUV(81.8690, 8.9386, 26.4249)

Have a look what the booklet for
YUV(81.8690, 8.9386, 26.4249)
contains.

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Color

**YUV(81.8690, 8.9386,
26.4249)**

Conversions

Conversions Part 1

Format	Color
Hex	703F64
RGB	112, 63, 100
RGB Percent	44%, 25%, 39%
CMY	0.5608, 0.7529, 0.6078
CMYK	0.00, 0.44, 0.11, 0.56
HSL	315°, 28%, 34%
HSV	315°, 44%, 44%
XYZ	10.7598, 7.9199, 13.0182
YIQ	81.8690, 17.3270, 21.8950

Conversions

Conversions Part 2

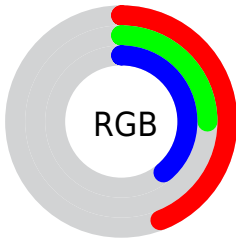
Format	Color
R_{YB}	112, 63, 100
Decimal	7356260
CIE _{Lab}	33.82, 27.15, -12.64
CIE _{LCh}	34, 29.952, 335.040
Yxy	7.9199, 0.3395, 0.2499
Android (android.graphics.Color)	4285546340 (0xFF703F64)
YUV	81.8690, 8.9386, 26.4249
Hunter-Lab	28.1422, 18.9984, -7.7271

Details

The YUV color **81.8690, 8.9386, 26.4249** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **93.1310, -8.9386, -26.4249**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.2930, 9.2226, 28.6840**, and **34.8580, 8.9440, 24.6805** is the 20% darker color. If you saturate the color by 10%, you get **75.0700, 10.8115, 32.3876**, and if you desaturate by 10%, it is **88.6680, 7.0657, 20.4622**.

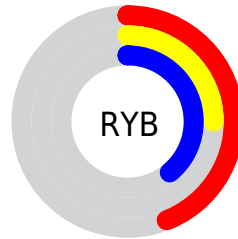
Distribution



Red (44%)

Green (25%)

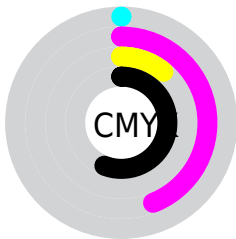
Blue (39%)



Red (44%)

Yellow (25%)

Blue (39%)

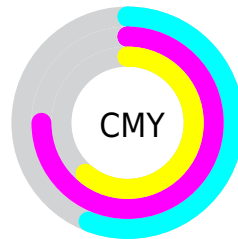


Cyan (0%)

Magenta (44%)

Yellow (11%)

Black (56%)



Cyan (56%)

Magenta (75%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.8690, 8.9386, 26.4249 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 81.8690, 8.9386, 26.4249 by changing the saturation by 10% instead.

81.8690, 8.9386,
26.4249

81.8690, 8.9386,
26.4249

255.0000, 0.0000,
0.0000

58.1570, 8.7966,
25.2953

132.2930, 9.2226,
28.6840

34.8580, 8.9440,
24.6805

158.7060, 9.5119,
29.1988

15.9070, 7.9338,
22.0066

185.7170, 9.5065,
30.9432

0.5700, 2.1840,
-0.4999

213.7170, 9.5065,
30.9432

0.0000, 0.0000,
0.0000

234.4550, 10.1287,
18.0180

251.4780, 1.7363,

3.0888

■ 81.8690, 8.9386,
26.4249

■ 81.8690, 8.9386,
26.4249

■ 75.0700, 10.8115,
32.3876

■ 88.6680, 7.0657,
20.4622

■ 68.3850, 13.1212,
38.2504

■ 95.3530, 4.7560,
14.5994

■ 60.9990, 15.2835,
44.7279

■ 102.7390, 2.5937,
8.1219

■ 54.2000, 17.1564,
50.6906

■ 109.5380, 0.7208,
2.1592

■ 47.4010, 19.0293,
56.6533

■ 116.3370, -1.1521,
-3.8035

■ 43.1780, 20.6182,
60.3569

■ 123.0220, -3.4618,
-9.6663

■ 129.8210, -5.3348,
-15.6290

■ 137.2070, -7.4971,
-22.1065

■ 144.0060, -9.3700,
-28.0693

Harmonies

Analogous

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



81.7290, 17.8816, 4.6227



81.8690, 8.9386, 26.4249



80.0740, -2.0085, 37.6461

Triad

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



81.8690, 8.9386, 26.4249



77.2900, -23.3140, 11.1467



65.5010, 19.9660, -57.4444

Complementary

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



81.8690, 8.9386, 26.4249



93.1310, -8.9386, -26.4249

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.



63.4660, 9.6303, -55.6597



81.8690, 8.9386, 26.4249



74.3630, -17.4340, -8.2114

Square

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



81.8690, 8.9386, 26.4249



78.3720, -20.8894, 26.8608



69.1240, -4.9911, -32.5577



64.9770, 28.1123, -56.9848

Rectangle

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



81.8690, 8.9386, 26.4249



79.8370, -9.2866, 38.7310



69.1240, -4.9911, -32.5577



64.7030, 16.9084, -56.7445

Sweetspot

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



81.8690, 8.9386, 26.4249



133.3910, 3.7512, 10.1811



71.8750, 19.7816, 1.8636



66.6140, 2.1623, 6.4775



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



81.8690, 8.9386, 26.4249



97.6350, 13.9839, 41.5391



79.1330, -1.5446, 28.8244



52.3640, 1.2995, 3.1888



46.1400, 21.6230, 64.7752



95.1710, 45.2717, 133.1540

Inverse Universe

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



81.8690, 8.9386, 26.4249



97.6350, 13.9839, 41.5391



95.8670, 1.5446, -28.8244



52.3640, 1.2995, 3.1888



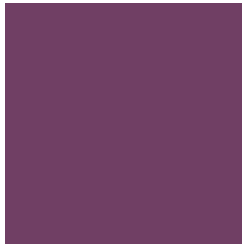
46.1400, 21.6230, 64.7752



95.1710, 45.2717, 133.1540

Previews

White Background



This preview shows how the YUV color 81.8690, 8.9386, 26.4249 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 81.8690, 8.9386, 26.4249 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 81.8690, 8.9386, 26.4249

Background



This preview shows how black text looks on a background with the YUV color 81.8690, 8.9386, 26.4249.



This preview shows how white text looks on a background with the YUV color 81.8690, 8.9386,

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

81.8690, 8.9386, 26.4249

Protanopia

80.0710, 15.7410, -8.8323

Deuteranopia

80.4650, 8.1518, -1.2848



Tritanopia

80.9430, -3.4229, 24.6060

Trichromacy



Original Color

81.8690, 8.9386, 26.4249

Protanomaly

80.5780, 13.5190, 3.8781

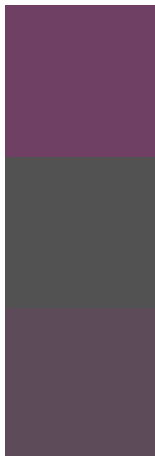
Deuteranomaly

81.2320, 8.2666, 8.5665

Tritanomaly

81.0940, 0.9397, 25.3506

Monochromacy



Original Color

81.8690, 8.9386, 26.4249

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.9780, 3.4618, 9.6663

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.8690, 8.9386, 26.4249 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(112, 63, 100)` looks like.

```
.text, #text, p{  
    color:rgb(112, 63, 100)  
}
```

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(112, 63, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 63, 100) }
```

Border

The CSS property to change the border of an element to YUV 81.8690, 8.9386, 26.4249 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(112, 63, 100) }
```


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

```
.border{ border-color:rgb(112, 63, 100) }
```

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

Here you see how a box with a 4 pixel rgb(112, 63, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 63, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 63, 100);  
box-shadow:4px 4px 4px 4px rgb(112, 63,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 81.8690, 8.9386, 26.4249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 63, 100) }
```

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

```
.background{ background-color: rgb(112, 63,  
100) }
```

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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