

Converting Colors

YUV(70.4830, 7.6499, 19.7474)

Have a look what the booklet for
YUV(70.4830, 7.6499, 19.7474)
contains.

YUV(70.4830, 7.6499, 19.7474)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(70.4830, 7.6499,
19.7474)**

Conversions

Conversions Part 1

Format	Color
Hex	5D3856
RGB	93, 56, 86
RGB Percent	36%, 22%, 34%
CMY	0.6353, 0.7804, 0.6627
CMYK	0.00, 0.40, 0.08, 0.64
HSL	311°, 25%, 29%
HSV	311°, 40%, 36%
XYZ	7.6081, 5.8274, 9.5279
YIQ	70.4830, 12.4220, 17.1740

Conversions

Conversions Part 2

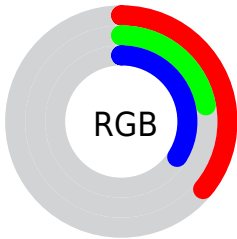
Format	Color
R_{YB}	93, 56, 86
Decimal	6109270
CIE _{Lab}	28.97, 21.64, -11.25
CIE _{LCh}	29, 24.388, 332.521
Yxy	5.8274, 0.3313, 0.2538
Android (android.graphics.Color)	4284299350 (0xFF5D3856)
YUV	70.4830, 7.6499, 19.7474
Hunter-Lab	24.1400, 14.0121, -6.5034

Details

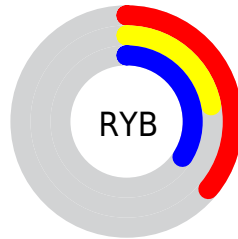
The YUV color **70.4830, 7.6499, 19.7474** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **78.5170, -7.6499, -19.7474**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.6080, 8.0813, 21.3918**, and **25.4720, 7.6553, 18.0031** is the 20% darker color. If you saturate the color by 10%, you get **64.9720, 9.3808, 24.5806**, and if you desaturate by 10%, it is **75.9940, 5.9190, 14.9143**.

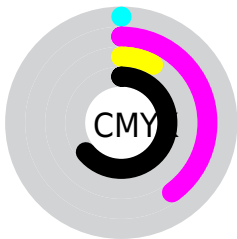
Distribution



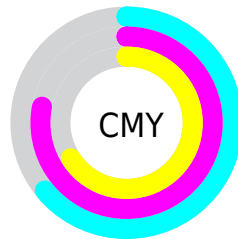
- Red (36%)
- Green (22%)
- Blue (34%)



- Red (36%)
- Yellow (22%)
- Blue (34%)



- Cyan (0%)
- Magenta (40%)
- Yellow (8%)
- Black (64%)



- Cyan (64%)
- Magenta (78%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.4830, 7.6499, 19.7474 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 70.4830, 7.6499, 19.7474 by changing the saturation by 10% instead.

70.4830, 7.6499,
19.7474

70.4830, 7.6499,
19.7474

255.0000, 0.0000,
0.0000

47.7710, 7.5079,
18.6178

119.6080, 8.0813,
21.3918

25.4720, 7.6553,
18.0031

145.3200, 8.2232,
22.5214

10.0540, 4.9034,
13.9846

171.7330, 8.5126,
23.0362

0.0000, 0.0000,
0.0000

199.4450, 8.6546,
24.1657

227.4450, 8.6546,
24.1657

245.0210, 4.9196,

■ 70.4830, 7.6499,
19.7474

■ 70.4830, 7.6499,
19.7474

■ 64.9720, 9.3808,
24.5806

■ 75.9940, 5.9190,
14.9143

■ 58.8740, 11.4011,
29.9285

■ 82.0920, 3.8986,
9.5663

■ 53.4770, 13.5688,
34.6617

■ 87.4890, 1.7309,
4.8331

■ 47.9660, 15.2998,
39.4948

■ 93.0000, 0.0000,
0.0000

■ 42.4550, 17.0307,
44.3280

■ 99.0980, -2.0203,
-5.3479

■ 36.3570, 19.0510,
49.6759

■ 104.6090, -3.7512,
-10.1811

■ 110.0060, -5.9190,
-14.9143

■ 115.5170, -7.6499,
-19.7474

■ 121.6150, -9.6702,
-25.0954

Harmonies

Analogous

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



69.9090, 14.8349, 1.8338



70.4830, 7.6499, 19.7474



69.5460, -1.2552, 29.3392

Triad

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



70.4830, 7.6499, 19.7474



66.6580, -18.0724, 9.9469



55.2310, 16.1551, -48.4376

Complementary

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



70.4830, 7.6499, 19.7474



78.5170, -7.6499, -19.7474

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.



53.6520, 7.5666, -47.0528



70.4830, 7.6499, 19.7474



64.4820, -14.5346, -4.8077

Square

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



70.4830, 7.6499, 19.7474



67.9030, -16.2212, 22.8871



61.3640, -5.6025, -23.1212



55.5390, 22.4123, -48.7077

Rectangle

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



70.4830, 7.6499, 19.7474



69.0640, -6.9336, 30.6389



61.3640, -5.6025, -23.1212



55.1340, 13.2449, -48.3525

Sweetspot

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



70.4830, 7.6499, 19.7474



110.8530, 3.0305, 8.0219



62.3110, 15.1297, 0.6043



56.1900, 1.8783, 4.2184



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



70.4830, 7.6499, 19.7474



84.7000, 11.9799, 30.9581



68.4310, -0.2125, 21.5470



42.9510, 1.0102, 2.6740



43.0360, 22.6603, 58.7274



92.7510, 48.9298, 126.5064

Inverse Universe

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



70.4830, 7.6499, 19.7474



84.7000, 11.9799, 30.9581



80.5690, 0.2125, -21.5470



42.9510, 1.0102, 2.6740



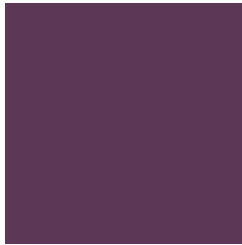
43.0360, 22.6603, 58.7274



92.7510, 48.9298, 126.5064

Previews

White Background



This preview shows how the YUV color 70.4830, 7.6499, 19.7474 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 70.4830, 7.6499, 19.7474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

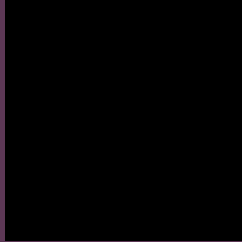
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.4830, 7.6499, 19.7474

Background



This preview shows how black text looks on a background with the YUV color 70.4830, 7.6499, 19.7474.



This preview shows how white text looks on a background with the YUV color 70.4830, 7.6499,

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

70.4830, 7.6499, 19.7474

Protanopia

68.9850, 12.8254, -7.0028

Deuteranopia

69.2370, 7.2782, -1.0848



Tritanopia

69.5400, -2.2382, 17.9434

Trichromacy



Original Color

70.4830, 7.6499, 19.7474

Protanomaly

69.8830, 10.9037, 2.7336

Deuteranomaly

69.6940, 7.5459, 6.4074

Tritanomaly

70.1640, 1.3981, 18.2732

Monochromacy



Original Color

70.4830, 7.6499, 19.7474

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1410, 2.8885, 6.8923

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.4830, 7.6499, 19.7474 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(93, 56, 86)` looks like.

```
.text, #text, p{  
    color:rgb(93, 56, 86)  
}
```

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(93, 56, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 56, 86) }
```

Border

The CSS property to change the border of an element to YUV 70.4830, 7.6499, 19.7474 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(93, 56, 86) }
```


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

```
.border{ border-color:rgb(93, 56, 86) }
```

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

Here you see how a box with a 4 pixel rgb(93, 56, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 56, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 56, 86);  
box-shadow:4px 4px 4px 4px rgb(93, 56, 86)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.4830, 7.6499, 19.7474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 56, 86) }
```

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

```
.background{ background-color: rgb(93, 56,  
86) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor