

Converting Colors

YUV(63.1380, 17.6800, 22.6810)

Have a look what the booklet for
YUV(63.1380, 17.6800, 22.6810)
contains.

YUV(63.1380, 17.6800, 22.6810)	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(63.1380, 17.6800,
22.6810)**

Conversions

Conversions Part 1

Format	Color
Hex	592B63
RGB	89, 43, 99
RGB Percent	35%, 17%, 39%
CMY	0.6510, 0.8314, 0.6118
CMYK	0.10, 0.57, 0.00, 0.61
HSL	289°, 39%, 28%
HSV	289°, 57%, 39%
XYZ	7.2358, 4.7525, 12.3403
YIQ	63.1380, 9.4400, 27.1680

Conversions

Conversions Part 2

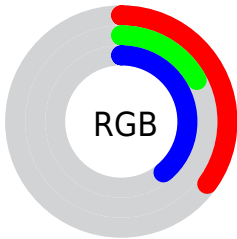
Format	Color
RYB	89, 43, 99
Decimal	5843811
CIELab	26.02, 30.80, -24.34
CIElCh	26, 39.259, 321.679
Yxy	4.7525, 0.2974, 0.1953
Android (android.graphics.Color)	4284033891 (0xFF592B63)
YUV	63.1380, 17.6800, 22.6810
Hunter-Lab	21.8001, 21.0970, -18.3020

Details

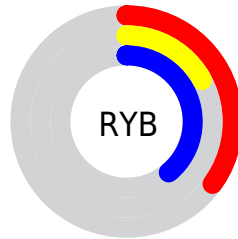
The YUV color **63.1380, 17.6800, 22.6810** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **78.8620, -17.6800, -22.6810**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.6760, 18.4007, 24.8401**, and **18.1870, 16.6698, 20.0070** is the 20% darker color. If you saturate the color by 10%, you get **56.6700, 20.8687, 26.5994**, and if you desaturate by 10%, it is **69.6060, 14.4912, 18.7625**.

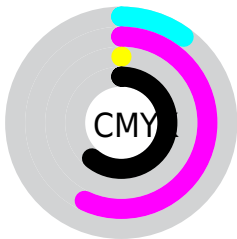
Distribution



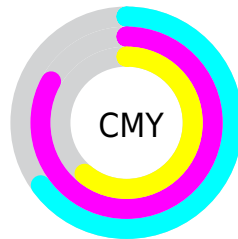
- Red (35%)
- Green (17%)
- Blue (39%)



- Red (35%)
- Yellow (17%)
- Blue (39%)



- Cyan (10%)
- Magenta (57%)
- Yellow (0%)
- Black (61%)



- Cyan (65%)
- Magenta (83%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.1380, 17.6800, 22.6810 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 63.1380, 17.6800, 22.6810 by changing the saturation by 10% instead.

63.1380, 17.6800,
22.6810

63.1380, 17.6800,
22.6810

255.0000, 0.0000,
0.0000

39.4260, 17.5380,
21.5514

112.6760, 18.4007,
24.8401

18.1870, 16.6698,
20.0070

138.2030, 19.1269,
25.2550

7.7200, 11.4770,
5.5076

164.9150, 19.2689,
26.3845

0.1140, 0.4368,
-0.1000

192.4420, 19.9951,
26.7994

0.0000, 0.0000,
0.0000

219.4700, 17.5163,
28.5288

236.8030, 8.9711,

15.9588

253.8260, 0.5788,
1.0296

■ 63.1380, 17.6800,
22.6810

■ 63.1380, 17.6800,
22.6810

■ 56.6700, 20.8687,
26.5994

■ 69.6060, 14.4912,
18.7625

■ 50.2020, 24.0574,
30.5178

■ 76.0740, 11.3025,
14.8441

■ 44.0330, 27.0987,
35.0511

■ 82.2430, 8.2612,
10.3109

■ 37.5650, 30.2875,
38.9695

■ 88.7110, 5.0725,
6.3925

■ 35.5050, 31.3030,
39.8991

■ 95.1790, 1.8838,
2.4740

■ 101.0600, -1.0156,
-0.9296

■ 107.2290, -4.0569,
-5.4628

■ 113.6970, -7.2456,
-9.3813

■ 120.1650,
-10.4343, -13.2997

Harmonies

Analogous

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



59.6540, 28.2716, -14.6056



63.1380, 17.6800, 22.6810



59.1810, 5.8268, 44.5683

Triad

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



63.1380, 17.6800, 22.6810



58.2760, -28.7301, 21.6829



53.4870, 14.5499, -46.9081

Complementary

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



63.1380, 17.6800, 22.6810



78.8620, -17.6800, -22.6810

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.



49.9530, 1.0092, -43.8088



63.1380, 17.6800, 22.6810



55.7740, -27.4966, -0.6788

Square

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



63.1380, 17.6800, 22.6810



58.2210, -21.8010, 39.2712



47.6480, -13.1375, -33.0173



55.1630, 26.0486, -48.3780

Rectangle

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



63.1380, 17.6800, 22.6810



57.5100, -3.2094, 49.5417



47.6480, -13.1375, -33.0173



52.3470, 10.1819, -45.9083

Sweetspot

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



63.1380, 17.6800, 22.6810



113.8900, 6.9562, 8.8665



55.2540, 21.5668, -10.7468



55.4720, 4.2043, 4.8481



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



63.1380, 17.6800, 22.6810



72.1470, 27.5355, 34.9511



64.0760, 8.3435, 30.6283



45.6520, 1.1576, 2.0592



40.2760, 35.3599, 45.3619



86.2630, 75.7923, 97.1163

Inverse Universe

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



60.8840, -3.8868, 33.4277



68.7230, -6.2724, 51.9859



77.9240, -8.3435, -30.6283



45.1960, -0.5896, 2.4591



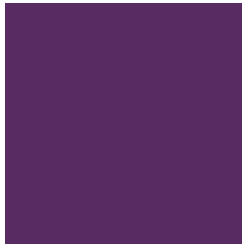
35.7680, -7.7736, 66.8555



76.6620, -16.5954, 143.2474

Previews

White Background



This preview shows how the YUV color 63.1380, 17.6800, 22.6810 looks on a white background.

Color Contrast Check

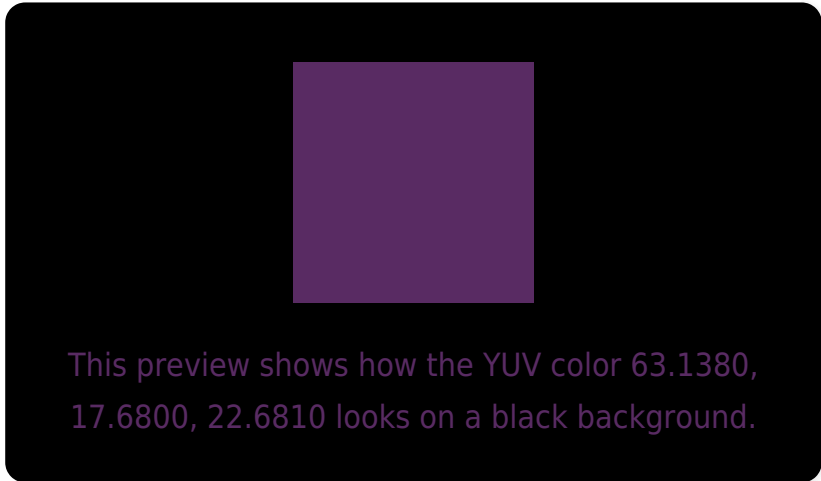
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

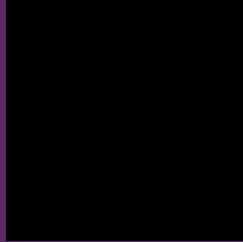
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.1380, 17.6800, 22.6810

Background



This preview shows how black text looks on a background with the YUV color 63.1380, 17.6800, 22.6810.



This preview shows how white text looks on a background with the YUV color 63.1380, 17.6800,

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

63.1380, 17.6800, 22.6810

Protanopia

58.4960, 27.8565, -21.4830

Deuteranopia

61.0920, 17.2096, -13.2357



Tritanopia

63.1270, -2.5276, 17.4286

Trichromacy



Original Color

63.1380, 17.6800, 22.6810

Protanomaly

60.2700, 24.0239, -5.4988

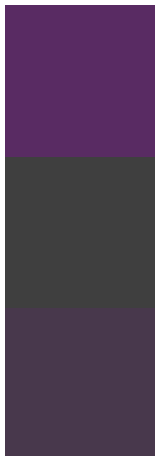
Deuteranomaly

61.8810, 17.3137, 0.1044

Tritanomaly

63.0870, 4.8871, 19.2177

Monochromacy



Original Color

63.1380, 17.6800, 22.6810

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0640, 6.3774, 7.8369

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.1380, 17.6800, 22.6810 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(89, 43, 99)` looks like.

```
.text, #text, p{  
    color:rgb(89, 43, 99)  
}
```

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(89, 43, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 43, 99) }
```

Border

The CSS property to change the border of an element to YUV 63.1380, 17.6800, 22.6810 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(89, 43, 99) }
```


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

```
.border{ border-color:rgb(89, 43, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 43, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 43, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 43, 99);  
box-shadow:4px 4px 4px 4px rgb(89, 43, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.1380, 17.6800, 22.6810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 43, 99) }
```

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

```
.background{ background-color: rgb(89, 43,  
99) }
```

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