

Converting Colors

YUV(152.4490, 2.2436,
-19.6878)

Have a look what the booklet for
YUV(152.4490, 2.2436, -19.6878)
contains.

YUV(152.4490, 2.2436, -19.6878)	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(152.4490, 2.2436,
-19.6878)**

Conversions

Conversions Part 1

Format	Color
Hex	82A39D
RGB	130, 163, 157
RGB Percent	51%, 64%, 62%
CMY	0.4902, 0.3608, 0.3843
CMYK	0.20, 0.00, 0.04, 0.36
HSL	169°, 15%, 57%
HSV	169°, 20%, 64%
XYZ	28.3889, 33.3745, 36.8440
YIQ	152.4490, -17.7420, -8.8620

Conversions

Conversions Part 2

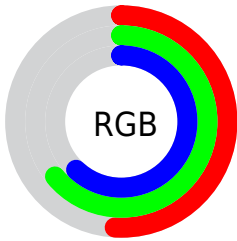
Format	Color
RYB	130, 148, 163
Decimal	8561565
CIELab	64.46, -12.60, -0.64
CIELCh	64, 12.614, 182.906
Yxy	33.3745, 0.2879, 0.3385
Android (android.graphics.Color)	4286751645 (0xFF82A39D)
YUV	152.4490, 2.2436, -19.6878
Hunter-Lab	57.7707, -13.3826, 2.6266

Details

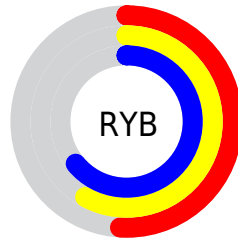
The YUV color **152.4490, 2.2436, -19.6878** is a light color, and the websafe version is hex **669999**. A complement of this color would be **140.5510, -2.2436, 19.6878**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.8510, 2.5385, -20.9173**, and **101.1610, 2.3856, -18.5582** is the 20% darker color. If you saturate the color by 10%, you get **147.3230, 3.2918, -29.2243**, and if you desaturate by 10%, it is **157.5750, 1.1955, -10.1513**.

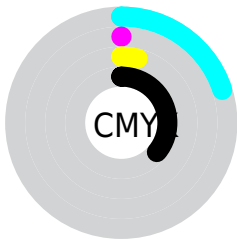
Distribution



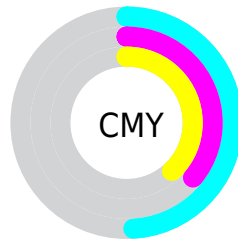
- Red (51%)
- Green (64%)
- Blue (62%)



- Red (51%)
- Yellow (58%)
- Blue (64%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (36%)



- Cyan (49%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.4490, 2.2436, -19.6878 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 152.4490, 2.2436, -19.6878 by changing the saturation by 10% instead.

■ 152.4490, 2.2436,
-19.6878

■ 152.4490, 2.2436,
-19.6878

255.0000, 0.0000,
0.0000

■ 126.4490, 2.2436,
-19.6878

■ 206.8510, 2.5385,
-20.9173

■ 101.1610, 2.3856,
-18.5582

■ 234.8510, 2.5385,
-20.9173

■ 77.1610, 2.3856,
-18.5582

■ 250.5150, 2.2111,
-9.2217

■ 53.5740, 2.6750,
-18.0434

■ 31.2750, 2.8224,
-18.6582

■ 14.7380, 0.6222,
-12.9252

■ 0.0000, 0.0000,

0.0000

■ 152.4490, 2.2436,
-19.6878

■ 152.4490, 2.2436,
-19.6878

■ 147.3230, 3.2918,
-29.2243

■ 157.5750, 1.1955,
-10.1513

■ 141.8980, 4.4873,
-39.3755

■ 163.0000, 0.0000,
0.0000

■ 136.7720, 5.5354,
-48.9120

■ 168.1260, -1.0481,
9.5365

■ 131.6460, 6.5835,
-58.4485

■ 173.2520, -2.0962,
19.0730

■ 126.5200, 7.6316,
-67.9850

■ 178.3780, -3.1444,
28.6095

■ 121.0950, 8.8272,
-78.1363

■ 183.8030, -4.3399,
38.7608

■ 115.9690, 9.8753,
-87.6728

■ 188.9290, -5.3880,
48.2973

■ 110.8430, 10.9234,
-97.2093

■ 192.5600, -5.6991,
54.7599

■ 192.9020, -4.3887,
54.4599

Harmonies

Analogous

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



153.2990, -3.5984, -12.5402



152.4490, 2.2436, -19.6878



152.5180, 7.6326, -21.5023

Triad

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



152.4490, 2.2436, -19.6878



157.6010, 8.5777, 2.1039



157.1670, -9.9423, 15.6395

Complementary

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



152.4490, 2.2436, -19.6878



140.5510, -2.2436, 19.6878

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.



157.8130, -6.3168, 19.4580



152.4490, 2.2436, -19.6878



158.5160, 4.1826, 11.8255

Square

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



152.4490, 2.2436, -19.6878



156.2190, 11.2310, -8.9621



158.7680, -1.3646, 17.7435



155.8840, -10.7888, 7.1177

Rectangle

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



152.4490, 2.2436, -19.6878



153.5120, 10.1006, -19.7430



158.7680, -1.3646, 17.7435



157.4060, -9.0742, 17.1839

Sweetspot

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



152.4490, 2.2436, -19.6878



207.7710, 0.6059, -7.6922



151.1650, -10.4343, -13.2997



104.7930, 0.5951, -4.2035



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.



152.4490, 2.2436, -19.6878



195.6110, 3.1498, -30.3538



147.2630, 7.7583, -15.1397



79.0810, 0.4531, -5.3330



98.6810, 10.0173, -86.5432



12.2760, 1.3429, -10.7661

Inverse Universe

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



140.5510, -2.2436, 19.6878



177.2750, -3.5866, 30.4538



145.7370, -7.7583, 15.1397



75.9190, -0.4531, 5.3330



46.3190, -10.0173, 86.5432



5.7240, -1.3429, 10.7661

Previews

White Background



This preview shows how the YUV color 152.4490, 2.2436, -19.6878 looks on a white 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

Black Background



This preview shows how the YUV color 152.4490, 2.2436, -19.6878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

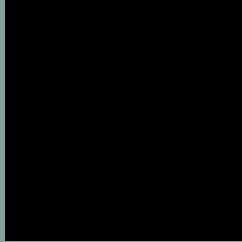
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.4490, 2.2436, -19.6878

Background



This preview shows how black text looks on a background with the YUV color 152.4490, 2.2436, -19.6878.



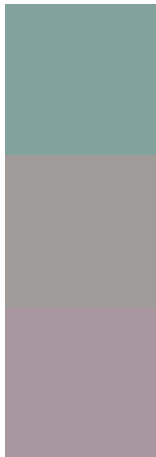
This preview shows how white text looks on a background with the YUV color 152.4490, 2.2436, -19.6878.

-19.6878.

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

152.4490, 2.2436, -19.6878

Protanopia

155.9680, -1.4632, 2.6591

Deuteranopia

157.2940, 0.8411, 10.2662



Tritanopia

153.9960, 9.3690, -18.4135

Trichromacy



Original Color

152.4490, 2.2436, -19.6878

Protanomaly

154.5540, -0.2731, -5.7479

Deuteranomaly

155.3420, 1.3104, -0.2999

Tritanomaly

153.6000, 6.6062, -18.9432

Monochromacy



Original Color

152.4490, 2.2436, -19.6878

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.1840, 0.8953, -7.1774

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.4490, 2.2436, -19.6878 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(130, 163, 157)` looks like.

```
.text, #text, p{  
    color:rgb(130, 163, 157)  
}
```

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(130, 163, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 163, 157) }
```

Border

The CSS property to change the border of an element to YUV 152.4490, 2.2436, -19.6878 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(130, 163, 157) }
```


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

```
.border{ border-color:rgb(130, 163, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 163, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 163, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 163, 157);  
box-shadow:4px 4px 4px 4px rgb(130, 163,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 152.4490, 2.2436, -19.6878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 163, 157) }
```

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

```
.background{ background-color: rgb(130,  
163, 157) }
```

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