

Converting Colors

YUV(96.4450, 8.1616, -51.2563)

Have a look what the booklet for
YUV(96.4450, 8.1616, -51.2563)
contains.

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Color

**YUV(96.4450, 8.1616,
-51.2563)**

Conversions

Conversions Part 1

Format	Color
Hex	267B71
RGB	38, 123, 113
RGB Percent	15%, 48%, 44%
CMY	0.8510, 0.5176, 0.5569
CMYK	0.69, 0.00, 0.08, 0.52
HSL	173°, 53%, 32%
HSV	173°, 69%, 48%
XYZ	10.8629, 15.7702, 18.0942
YIQ	96.4450, -47.4500, -21.1300

Conversions

Conversions Part 2

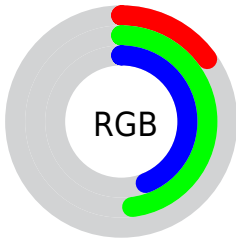
Format	Color
R_{YB}	38, 83, 123
Decimal	2521969
CIE _{Lab}	46.67, -27.49, -1.90
CIE _{LCh}	47, 27.556, 183.959
Yxy	15.7702, 0.2429, 0.3526
Android (android.graphics.Color)	4280712049 (0xFF267B71)
YUV	96.4450, 8.1616, -51.2563
Hunter-Lab	39.7118, -20.6679, 0.7834

Details

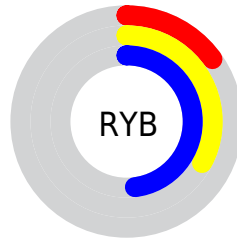
The YUV color **96.4450, 8.1616, -51.2563** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **64.5550, -8.1616, 51.2563**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.5270, 7.1352, -48.6972**, and **50.8480, 6.9769, -44.5937** is the 20% darker color. If you saturate the color by 10%, you get **92.7430, 9.4937, -58.5336**, and if you desaturate by 10%, it is **100.1470, 6.8295, -43.9789**.

Distribution



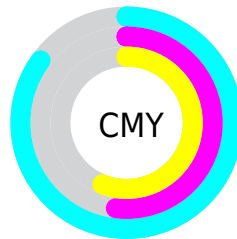
- Red (15%)
- Green (48%)
- Blue (44%)



- Red (15%)
- Yellow (33%)
- Blue (48%)



- Cyan (69%)
- Magenta (0%)
- Yellow (8%)
- Black (52%)



- Cyan (85%)
- Magenta (52%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.4450, 8.1616, -51.2563 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 96.4450, 8.1616, -51.2563 by changing the saturation by 10% instead.

96.4450, 8.1616,
-51.2563

96.4450, 8.1616,
-51.2563

255.0000, 0.0000,
0.0000

67.6720, 10.5147,
-59.3483

150.5270, 7.1352,
-48.6972

50.8480, 6.9769,
-44.5937

178.4130, 6.6984,
-48.5972

34.2520, 4.3128,
-30.0390

206.4130, 6.6984,
-48.5972

20.8190, 1.0752,
-18.2583

231.4780, 8.1453,
-46.0232

0.0000, 0.0000,
0.0000

240.6480, 7.0755,
-29.5093

249.3190, 2.8007,

-11.6808

■ 96.4450, 8.1616,
-51.2563

■ 96.4450, 8.1616,
-51.2563

■ 92.7430, 9.4937,
-58.5336

■ 100.1470, 6.8295,
-43.9789

■ 88.6280, 10.5364,
-66.3258

■ 104.2620, 5.7868,
-36.1868

■ 84.9260, 11.8685,
-73.6031

■ 107.9640, 4.4547,
-28.9094

■ 84.6270, 12.0159,
-74.2179

■ 111.7800, 3.5595,
-21.7321

■ 115.4820, 2.2274,
-14.4547

■ 119.5970, 1.1847,
-6.6626

■ 123.2990, -0.1474,
0.6148

■ 127.1150, -1.0427,
7.7921

■ 131.1160, -2.5222,
15.6843

Harmonies

Analogous

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



102.2170, -6.0230, -28.2543



96.4450, 8.1616, -51.2563



89.5100, 22.9196, -71.4843

Triad

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



96.4450, 8.1616, -51.2563



112.4300, 18.0290, 4.0079



110.3120, -19.8738, 27.7904

Complementary

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



96.4450, 8.1616, -51.2563



64.5550, -8.1616, 51.2563

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.



111.6150, -12.6282, 37.1716



96.4450, 8.1616, -51.2563



113.7440, 8.5072, 24.7805

Square

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



96.4450, 8.1616, -51.2563



108.0460, 23.6413, -22.8423



113.2480, -2.5873, 36.6165



108.6430, -22.0090, 12.5911

Rectangle

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



96.4450, 8.1616, -51.2563



95.2710, 25.5024, -59.8737



113.2480, -2.5873, 36.6165



111.0890, -18.2849, 31.4939

Sweetspot

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



96.4450, 8.1616, -51.2563



150.3780, 3.2646, -20.5025



91.1840, -26.2197, -36.9954



75.3790, 1.7852, -12.6104



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



96.4450, 8.1616, -51.2563



119.1100, 12.7638, -80.7805



79.3880, 21.5007, -36.2973



59.0920, 0.4476, -3.5887



85.9150, 11.8739, -75.3475



173.3460, 24.4794, -152.0244

Inverse Universe

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



64.5550, -8.1616, 51.2563



68.8900, -12.7638, 80.7805



81.6120, -21.5007, 36.2973



56.9080, -0.4476, 3.5887



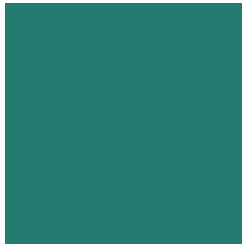
39.0850, -11.8739, 75.3475



78.7680, -24.0426, 151.9245

Previews

White Background



This preview shows how the YUV color 96.4450, 8.1616, -51.2563 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 96.4450, 8.1616, -51.2563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

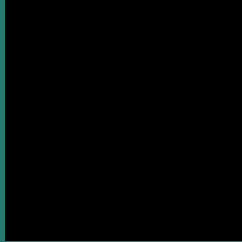
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.4450, 8.1616, -51.2563

Background



This preview shows how black text looks on a background with the YUV color 96.4450, 8.1616, -51.2563.



This preview shows how white text looks on a background with the YUV color 96.4450, 8.1616, -51.2563.

-51.2563.

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

96.4450, 8.1616, -51.2563

Protanopia

110.3270, -2.6262, 2.3442

Deuteranopia

111.4290, 2.7465, 5.7628



Tritanopia

99.3130, 15.1287, -45.8785

Trichromacy



Original Color

96.4450, 8.1616, -51.2563

Protanomaly

105.5310, 1.2172, -17.1287

Deuteranomaly

106.1660, 4.8482, -15.0546

Tritanomaly

98.3190, 12.6607, -47.6378

Monochromacy



Original Color

96.4450, 8.1616, -51.2563

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.2750, 2.8224, -18.6582

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.4450, 8.1616, -51.2563 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(38, 123, 113)` looks like.

```
.text, #text, p{  
    color:rgb(38, 123, 113)  
}
```

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(38, 123, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 123, 113) }
```

Border

The CSS property to change the border of an element to YUV 96.4450, 8.1616, -51.2563 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(38, 123, 113) }
```


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

```
.border{ border-color:rgb(38, 123, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 123, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 123, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 123, 113);  
box-shadow:4px 4px 4px 4px rgb(38, 123,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 96.4450, 8.1616, -51.2563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 123, 113) }
```

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

```
.background{ background-color: rgb(38, 123,  
113) }
```

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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