

Converting Colors

YUV(96.1120, 13.2558,
-51.8412)

Have a look what the booklet for
YUV(96.1120, 13.2558, -51.8412)
contains.

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Color

**YUV(96.1120, 13.2558,
-51.8412)**

Conversions

Conversions Part 1

Format	Color
Hex	25797B
RGB	37, 121, 123
RGB Percent	15%, 47%, 48%
CMY	0.8549, 0.5255, 0.5176
CMYK	0.70, 0.02, 0.00, 0.52
HSL	181°, 54%, 31%
HSV	181°, 70%, 48%
XYZ	11.1755, 15.4981, 21.1413
YIQ	96.1120, -50.7060, -17.1860

Conversions

Conversions Part 2

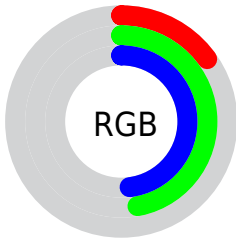
Format	Color
RYB	37, 79, 123
Decimal	2455931
CIELab	46.31, -23.62, -8.38
CIElCh	46, 25.066, 199.538
Yxy	15.4981, 0.2337, 0.3241
Android (android.graphics.Color)	4280646011 (0xFF25797B)
YUV	96.1120, 13.2558, -51.8412
Hunter-Lab	39.3677, -18.2218, -4.2827

Details

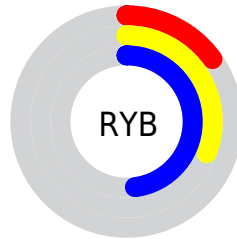
The YUV color **96.1120, 13.2558, -51.8412** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **63.8880, -13.2558, 51.8412**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.4930, 12.0820, -48.6674**, and **50.7000, 11.4869, -44.4639** is the 20% darker color. If you saturate the color by 10%, you get **92.5240, 15.0247, -59.2185**, and if you desaturate by 10%, it is **99.7000, 11.4869, -44.4639**.

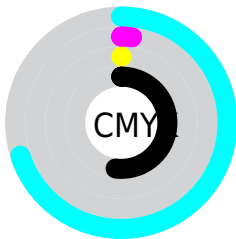
Distribution



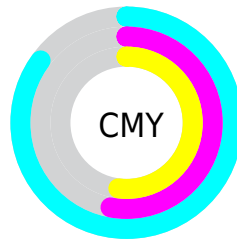
- Red (15%)
- Green (47%)
- Blue (48%)



- Red (15%)
- Yellow (31%)
- Blue (48%)



- Cyan (70%)
- Magenta (2%)
- Yellow (0%)
- Black (52%)



- Cyan (85%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.1120, 13.2558, -51.8412 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 96.1120, 13.2558, -51.8412 by changing the saturation by 10% instead.

96.1120, 13.2558,
-51.8412

96.1120, 13.2558,
-51.8412

255.0000, 0.0000,
0.0000

67.5240, 15.0247,
-59.2185

150.4930, 12.0820,
-48.6674

50.7000, 11.4869,
-44.4639

177.9060, 12.3713,
-48.1526

34.6910, 8.5333,
-30.4240

205.9060, 12.3713,
-48.1526

21.1440, 4.8590,
-18.5433

232.2760, 11.2029,
-46.7231

0.5700, 2.1840,
-0.4999

240.9470, 6.9281,
-28.8945

0.0000, 0.0000,
0.0000

249.6180, 2.6533,

-11.0660

■ 96.1120, 13.2558,
-51.8412

■ 96.1120, 13.2558,
-51.8412

■ 92.5240, 15.0247,
-59.2185

■ 99.7000, 11.4869,
-44.4639

■ 88.0500, 17.2304,
-66.6958

■ 104.1740, 9.2812,
-36.9866

■ 84.4620, 18.9992,
-74.0732

■ 107.7620, 7.5123,
-29.6093

■ 111.3500, 5.7435,
-22.2319

■ 115.2370, 3.8272,
-14.2398

■ 119.4120, 1.7689,
-7.3773

■ 123.0000, 0.0000,
0.0000

■ 126.5880, -1.7689,
7.3773

■ 131.0620, -3.9746,
14.8546

Harmonies

Analogous

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



100.4810, 0.2559, -35.5018



96.1120, 13.2558, -51.8412



97.5880, 21.4021, -51.3817

Triad

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



96.1120, 13.2558, -51.8412



112.3020, 12.1761, 14.6441



109.1430, -20.2835, 19.1686

Complementary

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



96.1120, 13.2558, -51.8412



63.8880, -13.2558, 51.8412

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.



110.4740, -15.5167, 30.2793



96.1120, 13.2558, -51.8412



112.2840, 2.8180, 29.5689

Square

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



96.1120, 13.2558, -51.8412



110.2930, 19.0826, -7.2730



111.3850, -7.0918, 34.7424



107.2010, -18.3401, 2.4547

Rectangle

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



96.1120, 13.2558, -51.8412



102.4200, 22.9639, -38.9563



111.3850, -7.0918, 34.7424



109.2190, -18.8420, 23.4869

Sweetspot

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



96.1120, 13.2558, -51.8412



150.2470, 5.3012, -20.3876



87.5960, -24.4508, -44.3727



75.1340, 3.3849, -12.3955



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.



96.1120, 13.2558, -51.8412



118.8740, 20.7681, -81.4505



71.4580, 25.4102, -30.2197



59.2060, 0.8844, -3.6887



85.8640, 19.2940, -75.3027



173.7170, 38.5935, -152.3498

Inverse Universe

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



72.2900, 24.0140, 44.4727



81.4130, 37.7574, 69.7978



88.5420, -25.4102, 30.2197



57.4780, 1.7363, 3.0888



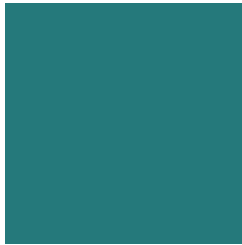
51.2830, 34.8635, 64.6498



103.5060, 70.7425, 130.2292

Previews

White Background



This preview shows how the YUV color 96.1120, 13.2558, -51.8412 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 96.1120, 13.2558, -51.8412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

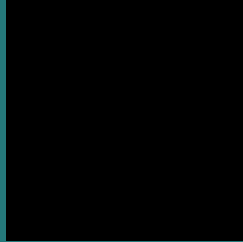
Any Text WCAG AA × Fail

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 96.1120, 13.2558, -51.8412 Background



This preview shows how black text looks on a background with the YUV color 96.1120, 13.2558, -51.8412.



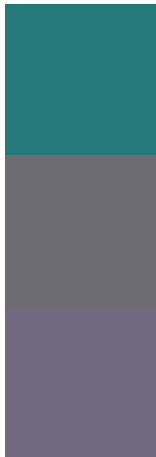
This preview shows how white text looks on a background with the YUV color 96.1120, 13.2558,

-51.8412.

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

96.1120, 13.2558, -51.8412

Protanopia

109.0970, 2.9102, -0.0851

Deuteranopia

110.0740, 7.8515, 1.6891



Tritanopia

97.5190, 16.0131, -49.5672

Trichromacy



Original Color

96.1120, 13.2558, -51.8412

Protanomaly

104.6000, 6.6062, -18.9432

Deuteranomaly

104.8220, 9.9478, -17.3839

Tritanomaly

96.8780, 14.8501, -49.8820

Monochromacy



Original Color

96.1120, 13.2558, -51.8412

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1440, 4.8590, -18.5433

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.1120, 13.2558, -51.8412 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(37, 121, 123)` looks like.

```
.text, #text, p{  
    color:rgb(37, 121, 123)  
}
```

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(37, 121, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 121, 123) }
```

Border

The CSS property to change the border of an element to YUV 96.1120, 13.2558, -51.8412 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(37, 121, 123) }
```


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

```
.border{ border-color:rgb(37, 121, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 121, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 121, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 121, 123);  
box-shadow:4px 4px 4px 4px rgb(37, 121,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 96.1120, 13.2558, -51.8412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 121, 123) }
```

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

```
.background{ background-color: rgb(37, 121,  
123) }
```

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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