

Converting Colors

YUV(86.7460, 18.3662,
-57.6592)

Have a look what the booklet for
YUV(86.7460, 18.3662, -57.6592)
contains.

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Color

**YUV(86.7460, 18.3662,
-57.6592)**

Conversions

Conversions Part 1

Format	Color
Hex	15717C
RGB	21, 113, 124
RGB Percent	8%, 44%, 49%
CMY	0.9176, 0.5569, 0.5137
CMYK	0.83, 0.09, 0.00, 0.51
HSL	186°, 71%, 28%
HSV	186°, 83%, 49%
XYZ	9.8525, 13.4249, 21.1408
YIQ	86.7460, -58.3630, -16.0830

Conversions

Conversions Part 2

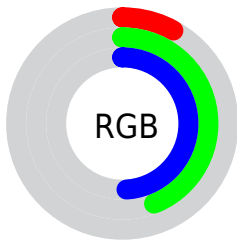
Format	Color
RYB	21, 70, 124
Decimal	1405308
CIELab	43.40, -21.14, -13.40
CIElCh	43, 25.034, 212.371
Yxy	13.4249, 0.2218, 0.3022
Android (android.graphics.Color)	4279595388 (0xFF15717C)
YUV	86.7460, 18.3662, -57.6592
Hunter-Lab	36.6400, -16.1215, -8.5615

Details

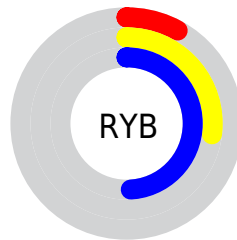
The YUV color **86.7460, 18.3662, -57.6592** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **58.2540, -18.3662, 57.6592**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.7470, 16.8867, -49.7671**, and **46.7050, 13.9494, -40.9603** is the 20% darker color. If you saturate the color by 10%, you get **82.5710, 20.4245, -64.5218**, and if you desaturate by 10%, it is **90.9210, 16.3079, -50.7967**.

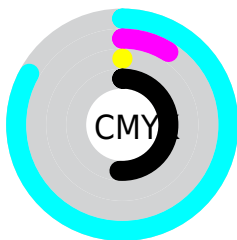
Distribution



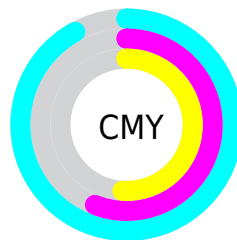
- Red (8%)
- Green (44%)
- Blue (49%)



- Red (8%)
- Yellow (27%)
- Blue (49%)



- Cyan (83%)
- Magenta (9%)
- Yellow (0%)
- Black (51%)



- Cyan (92%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.7460, 18.3662, -57.6592 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 86.7460, 18.3662, -57.6592 by changing the saturation by 10% instead.

86.7460, 18.3662,
-57.6592

86.7460, 18.3662,
-57.6592

255.0000, 0.0000,
0.0000

62.9420, 17.7766,
-55.2001

142.7470, 16.8867,
-49.7671

46.7050, 13.9494,
-40.9603

170.0460, 16.7393,
-49.1523

30.6960, 10.9959,
-26.9204

198.0460, 16.7393,
-49.1523

15.8610, 7.4635,
-13.9101

226.0630, 14.2659,
-49.1673

0.5700, 2.1840,
-0.4999

238.2560, 8.2548,
-34.4275

0.0000, 0.0000,
0.0000

246.9270, 3.9800,

-16.5990

■ 86.7460, 18.3662,
-57.6592

■ 86.7460, 18.3662,
-57.6592

■ 82.5710, 20.4245,
-64.5218

■ 90.9210, 16.3079,
-50.7967

■ 79.2930, 22.0406,
-69.5400

■ 95.9820, 13.8129,
-43.8342

■ 100.1570, 11.7546,
-36.9717

■ 104.6310, 9.5489,
-29.4944

■ 109.3930, 7.2013,
-23.1467

■ 113.5680, 5.1430,
-16.2841

■ 118.0420, 2.9373,
-8.8068

■ 122.8040, 0.5896,
-2.4591

■ 127.2780, -1.6161,
5.0182

Harmonies

Analogous

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



91.0330, 6.3927, -43.8789



86.7460, 18.3662, -57.6592



92.6750, 22.8382, -45.3190

Triad

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



86.7460, 18.3662, -57.6592



105.6080, 8.0813, 21.3918



101.2130, -19.8250, 12.0912

Complementary

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



86.7460, 18.3662, -57.6592



58.2540, -18.3662, 57.6592

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.



102.7570, -18.1212, 25.6461



86.7460, 18.3662, -57.6592



105.1550, -1.5554, 32.3131

Square

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



86.7460, 18.3662, -57.6592



104.6640, 16.4346, 2.0487



103.9350, -11.3070, 33.3830



98.8410, -15.6976, -5.1226

Rectangle

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



86.7460, 18.3662, -57.6592



97.6600, 22.3526, -29.5198



103.9350, -11.3070, 33.3830



101.2460, -19.8413, 17.3243

Sweetspot

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



86.7460, 18.3662, -57.6592



145.8060, 7.4906, -22.6319



82.6010, -25.4393, -54.0241



72.7640, 4.5533, -13.8250



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.



86.7460, 18.3662, -57.6592



102.2950, 28.9416, -89.7127



56.8090, 33.1252, -31.4045



59.2060, 0.8844, -3.6887



79.9940, 22.1880, -70.1547



160.8030, 44.9601, -141.0242

Inverse Universe

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



62.2850, 25.0025, 54.1241



64.4410, 38.7296, 84.6822



88.1910, -33.1252, 31.4045



57.4780, 1.7363, 3.0888



50.1430, 30.4955, 65.6496



100.9980, 61.1330, 132.4288

Previews

White Background



This preview shows how the YUV color 86.7460, 18.3662, -57.6592 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 86.7460, 18.3662, -57.6592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

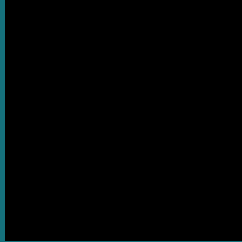
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.7460, 18.3662, -57.6592

Background



This preview shows how black text looks on a background with the YUV color 86.7460, 18.3662, -57.6592.

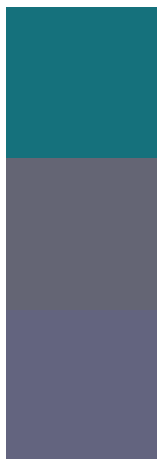


This preview shows how white text looks on a background with the YUV color 86.7460, 18.3662,

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

86.7460, 18.3662, -57.6592

Protanopia

102.4110, 6.6994, -2.1144

Deuteranopia

102.7790, 11.9410, -3.3142



Tritanopia

85.9200, 17.7874, -58.6888

Trichromacy



Original Color

86.7460, 18.3662, -57.6592

Protanomaly

96.4300, 11.1270, -22.3021

Deuteranomaly

97.2280, 14.1846, -23.0020

Tritanomaly

86.3330, 18.0768, -58.1740

Monochromacy



Original Color

86.7460, 18.3662, -57.6592

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.5890, 6.6116, -20.6876

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.7460, 18.3662, -57.6592 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(21, 113, 124)` looks like.

```
.text, #text, p{  
    color:rgb(21, 113, 124)  
}
```

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(21, 113, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 113, 124) }
```

Border

The CSS property to change the border of an element to YUV 86.7460, 18.3662, -57.6592 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(21, 113, 124) }
```


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

```
.border{ border-color:rgb(21, 113, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 113, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 113, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 113, 124);  
box-shadow:4px 4px 4px 4px rgb(21, 113,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 86.7460, 18.3662, -57.6592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 113, 124) }
```

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

```
.background{ background-color: rgb(21, 113,  
124) }
```

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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