

Converting Colors

YUV(87.7460, 18.3662,
-57.6592)

Have a look what the booklet for
YUV(87.7460, 18.3662, -57.6592)
contains.

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Color

**YUV(87.7460, 18.3662,
-57.6592)**

Conversions

Conversions Part 1

Format	Color
Hex	16727D
RGB	22, 114, 125
RGB Percent	9%, 45%, 49%
CMY	0.9137, 0.5529, 0.5098
CMYK	0.82, 0.09, 0.00, 0.51
HSL	186°, 70%, 29%
HSV	186°, 82%, 49%
XYZ	10.0499, 13.6859, 21.5140
YIQ	87.7460, -58.3630, -16.0830

Conversions

Conversions Part 2

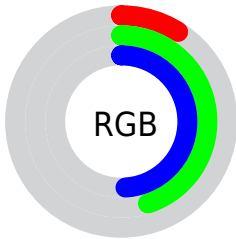
Format	Color
R _Y B	22, 71, 125
Decimal	1471101
CIE Lab	43.78, -21.23, -13.42
CIE LCh	44, 25.120, 212.296
Yxy	13.6859, 0.2221, 0.3025
Android (android.graphics.Color)	4279661181 (0xFF16727D)
YUV	87.7460, 18.3662, -57.6592
Hunter-Lab	36.9944, -16.2491, -8.5838

Details

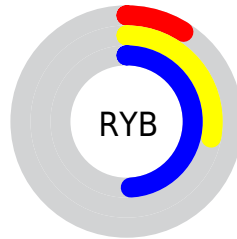
The YUV color **87.7460, 18.3662, -57.6592** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **59.2540, -18.3662, 57.6592**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.4480, 17.0341, -50.3819**, and **47.4060, 14.0968, -41.5751** is the 20% darker color. If you saturate the color by 10%, you get **83.2720, 20.5719, -65.1365**, and if you desaturate by 10%, it is **91.9210, 16.3079, -50.7967**.

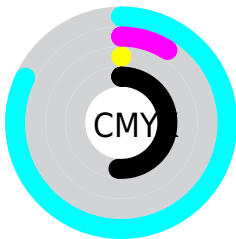
Distribution



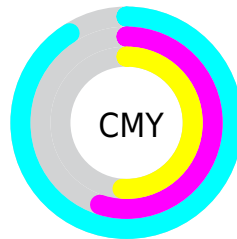
- Red (9%)
- Green (45%)
- Blue (49%)



- Red (9%)
- Yellow (28%)
- Blue (49%)



- Cyan (82%)
- Magenta (9%)
- Yellow (0%)
- Black (51%)



- Cyan (91%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.7460, 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 87.7460, 18.3662, -57.6592 by changing the saturation by 10% instead.

87.7460, 18.3662,
-57.6592

87.7460, 18.3662,
-57.6592

255.0000, 0.0000,
0.0000

63.6430, 17.9240,
-55.8149

143.4480, 17.0341,
-50.3819

47.4060, 14.0968,
-41.5751

171.0460, 16.7393,
-49.1523

31.2830, 10.7065,
-27.4352

199.0460, 16.7393,
-49.1523

17.1490, 7.3215,
-15.0397

226.9490, 13.8291,
-49.0673

0.7980, 3.0576,
-0.6998

238.5550, 8.1074,
-33.8127

0.0000, 0.0000,
0.0000

247.2260, 3.8326,

-15.9842

■ 87.7460, 18.3662,
-57.6592

■ 87.7460, 18.3662,
-57.6592

■ 83.2720, 20.5719,
-65.1365

■ 91.9210, 16.3079,
-50.7967

■ 79.9940, 22.1880,
-70.1547

■ 96.9820, 13.8129,
-43.8342

■ 101.1570, 11.7546,
-36.9717

■ 105.6310, 9.5489,
-29.4944

■ 110.3930, 7.2013,
-23.1467

■ 114.8670, 4.9956,
-15.6694

■ 119.0420, 2.9373,
-8.8068

■ 124.1030, 0.4422,
-1.8443

■ 128.2780, -1.6161,
5.0182

Harmonies

Analogous

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



91.9190, 5.9559, -43.7790



87.7460, 18.3662, -57.6592



93.6750, 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.



87.7460, 18.3662, -57.6592



106.6080, 8.0813, 21.3918



102.2130, -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.



87.7460, 18.3662, -57.6592



59.2540, -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.



103.7570, -18.1212, 25.6461



87.7460, 18.3662, -57.6592



105.5680, -1.2660, 32.8279

Square

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



87.7460, 18.3662, -57.6592



105.0770, 16.7240, 2.5635



104.3480, -11.0176, 33.8978



99.8410, -15.6976, -5.1226

Rectangle

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



87.7460, 18.3662, -57.6592



98.6600, 22.3526, -29.5198



104.3480, -11.0176, 33.8978



102.2460, -19.8413, 17.3243

Sweetspot

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



87.7460, 18.3662, -57.6592



148.3930, 7.2013, -23.1467



83.6010, -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.



87.7460, 18.3662, -57.6592



104.8820, 28.6522, -90.2275



57.8090, 33.1252, -31.4045



61.3200, 1.3212, -3.7886



81.5100, 22.9196, -71.4843



0.0000, 0.0000, 0.0000

Inverse Universe

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



63.2850, 25.0025, 54.1241



66.5550, 39.1664, 84.5823



89.1910, -33.1252, 31.4045



59.7770, 1.5889, 3.7036



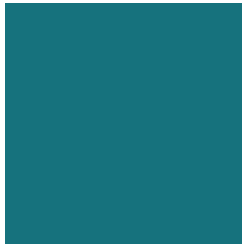
51.2680, 30.9269, 67.2940



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 87.7460, 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 87.7460, 18.3662, -57.6592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

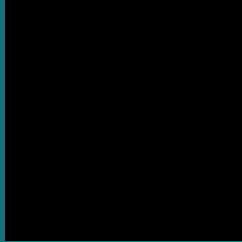
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.7460, 18.3662, -57.6592

Background



This preview shows how black text looks on a background with the YUV color 87.7460, 18.3662, -57.6592.

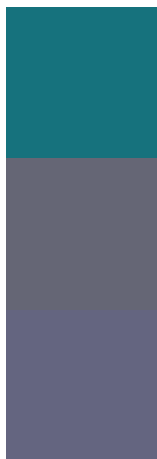


This preview shows how white text looks on a background with the YUV color 87.7460, 18.3662,

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

87.7460, 18.3662, -57.6592

Protanopia

103.4110, 6.6994, -2.1144

Deuteranopia

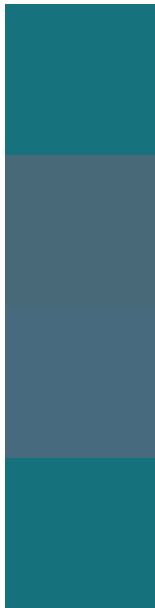
103.7790, 11.9410, -3.3142



Tritanopia

87.0340, 18.2242, -58.7888

Trichromacy



Original Color

87.7460, 18.3662, -57.6592

Protanomaly

97.4300, 11.1270, -22.3021

Deuteranomaly

98.2280, 14.1846, -23.0020

Tritanomaly

87.3330, 18.0768, -58.1740

Monochromacy



Original Color

87.7460, 18.3662, -57.6592

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.5890, 6.6116, -20.6876

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.7460, 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(22, 114, 125)` looks like.

```
.text, #text, p{  
    color:rgb(22, 114, 125)  
}
```

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(22, 114, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 114, 125) }
```

Border

The CSS property to change the border of an element to YUV 87.7460, 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(22, 114, 125) }
```


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

```
.border{ border-color:rgb(22, 114, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 114, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 114, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 114, 125);  
box-shadow:4px 4px 4px 4px rgb(22, 114,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 87.7460, 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(22, 114, 125) }
```

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

```
.background{ background-color: rgb(22, 114,  
125) }
```

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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