

Converting Colors

YUV(87.3580, 23.4875,
-66.9660)

Have a look what the booklet for
YUV(87.3580, 23.4875, -66.9660)
contains.

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Color

**YUV(87.3580, 23.4875,
-66.9660)**

Conversions

Conversions Part 1

Format	Color
Hex	0B7587
RGB	11, 117, 135
RGB Percent	4%, 46%, 53%
CMY	0.9569, 0.5412, 0.4706
CMYK	0.92, 0.13, 0.00, 0.47
HSL	189°, 85%, 29%
HSV	189°, 92%, 53%
XYZ	10.8725, 14.5430, 25.1557
YIQ	87.3580, -68.9540, -16.8740

Conversions

Conversions Part 2

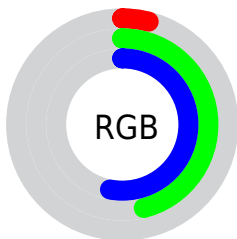
Format	Color
R_{YB}	11, 68, 135
Decimal	750983
CIE _{Lab}	45.00, -20.22, -17.55
CIE _{LCh}	45, 26.773, 220.948
Yxy	14.5430, 0.2150, 0.2876
Android (android.graphics.Color)	4278941063 (0xFF0B7587)
YUV	87.3580, 23.4875, -66.9660
Hunter-Lab	38.1353, -15.8459, -12.4156

Details

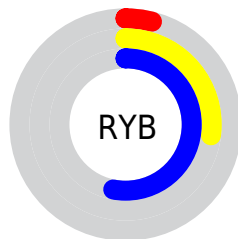
The YUV color **87.3580, 23.4875, -66.9660** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **58.6420, -23.4875, 66.9660**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.0500, 20.6813, -53.5409**, and **49.6060, 17.4492, -43.5045** is the 20% darker color. If you saturate the color by 10%, you get **82.8950, 25.6878, -72.6989**, and if you desaturate by 10%, it is **92.7180, 20.8450, -59.3887**.

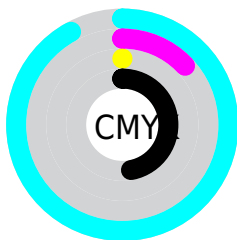
Distribution



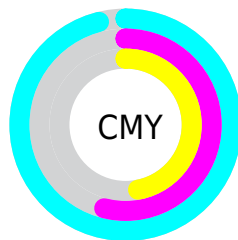
- Red (4%)
- Green (46%)
- Blue (53%)



- Red (4%)
- Yellow (27%)
- Blue (53%)



- Cyan (92%)
- Magenta (13%)
- Yellow (0%)
- Black (47%)



- Cyan (96%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.3580, 23.4875, -66.9660 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 87.3580, 23.4875, -66.9660 by changing the saturation by 10% instead.

87.3580, 23.4875,
-66.9660

87.3580, 23.4875,
-66.9660

255.0000, 0.0000,
0.0000

66.5440, 21.4238,
-58.3591

146.0500, 20.6813,
-53.5409

49.6060, 17.4492,
-43.5045

174.0500, 20.6814,
-53.5408

34.0700, 13.7695,
-29.8794

202.4630, 20.9707,
-53.0261

20.4090, 9.6584,
-17.8987

228.7100, 12.9610,
-50.6117

2.7530, 8.0098,
-2.4144

238.5550, 8.1074,
-33.8127

0.0000, 0.0000,
0.0000

247.2260, 3.8326,

-15.9842

■ 87.3580, 23.4875,
-66.9660

■ 87.3580, 23.4875,
-66.9660

■ 82.8950, 25.6878,
-72.6989

■ 92.7180, 20.8450,
-59.3887

■ 97.7790, 18.3500,
-52.4262

■ 103.1390, 15.7075,
-44.8489

■ 108.2000, 13.2124,
-37.8864

■ 113.5600, 10.5699,
-30.3091

■ 118.6210, 8.0748,
-23.3466

■ 123.9810, 5.4324,
-15.7693

■ 129.0420, 2.9373,
-8.8068

■ 134.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



90.9330, 11.3720, -54.3152



87.3580, 23.4875, -66.9660



97.8540, 24.7220, -42.8450

Triad

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



87.3580, 23.4875, -66.9660



109.4840, 6.1704, 27.6395



104.2510, -20.8297, 7.6729

Complementary

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



87.3580, 23.4875, -66.9660



58.6420, -23.4875, 66.9660

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.



105.8770, -20.1524, 23.7869



87.3580, 23.4875, -66.9660



108.3790, -4.6238, 36.5016

Square

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



87.3580, 23.4875, -66.9660



109.3660, 15.1026, 9.3260



107.4360, -14.5119, 34.6976



101.7370, -14.6603, -11.1703

Rectangle

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



87.3580, 23.4875, -66.9660



103.0350, 23.6467, -24.5867



107.4360, -14.5119, 34.6976



104.4690, -21.4302, 13.6207

Sweetspot

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



87.3580, 23.4875, -66.9660



157.2400, 9.2487, -26.5205



85.7260, -28.4589, -65.5347



77.6820, 5.5798, -16.3841



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



87.3580, 23.4875, -66.9660



108.1140, 33.4678, -94.8160



51.5510, 41.1404, -35.5632



63.6190, 1.1738, -3.1739



79.9770, 24.6613, -70.1398



1.5160, 0.7316, -1.3295

Inverse Universe

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



60.1600, 28.0221, 65.6347



69.7240, 39.5761, 93.2041



94.4490, -41.1404, 35.5632



62.3640, 1.2995, 3.1888



51.5240, 29.3217, 68.8235



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 87.3580, 23.4875, -66.9660 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 87.3580, 23.4875, -66.9660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

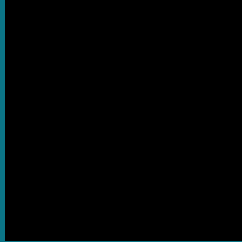
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.3580, 23.4875, -66.9660

Background



This preview shows how black text looks on a background with the YUV color 87.3580, 23.4875, -66.9660.



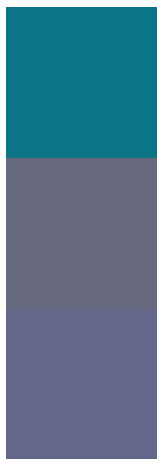
This preview shows how white text looks on a background with the YUV color 87.3580, 23.4875,

-66.9660.

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

87.3580, 23.4875, -66.9660

Protanopia

106.6110, 10.0518, -4.0438

Deuteranopia

106.3810, 15.5882, -6.4731



Tritanopia

83.7440, 21.3252, -73.4435

Trichromacy



Original Color

87.3580, 23.4875, -66.9660

Protanomaly

99.4340, 15.0690, -26.6906

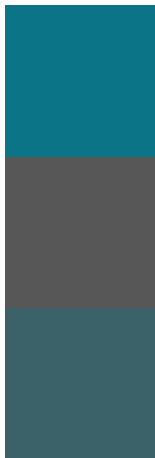
Deuteranomaly

99.6340, 18.4214, -28.6200

Tritanomaly

85.2820, 22.0460, -71.2843

Monochromacy



Original Color

87.3580, 23.4875, -66.9660

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0230, 8.3697, -24.5762

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.3580, 23.4875, -66.9660 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(11, 117, 135)` looks like.

```
.text, #text, p{  
    color:rgb(11, 117, 135)  
}
```

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(11, 117, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 117, 135) }
```

Border

The CSS property to change the border of an element to YUV 87.3580, 23.4875, -66.9660 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(11, 117, 135) }
```


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

```
.border{ border-color:rgb(11, 117, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 117, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 117, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 117, 135);  
box-shadow:4px 4px 4px 4px rgb(11, 117,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 87.3580, 23.4875, -66.9660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 117, 135) }
```

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

```
.background{ background-color: rgb(11, 117,  
135) }
```

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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