

# Converting Colors

YUV(88.3660, 18.0606,  
-52.9410)

Have a look what the booklet for  
YUV(88.3660, 18.0606, -52.9410)  
contains.

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# Color

**YUV(88.3660, 18.0606,  
-52.9410)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C707D
RGB	28, 112, 125
RGB Percent	11%, 44%, 49%
CMY	0.8902, 0.5608, 0.5098
CMYK	0.78, 0.10, 0.00, 0.51
HSL	188°, 63%, 30%
HSV	188°, 78%, 49%
XYZ	9.9747, 13.3159, 21.4465
YIQ	88.3660, -54.2370, -13.7650

# Conversions

## Conversions Part 2

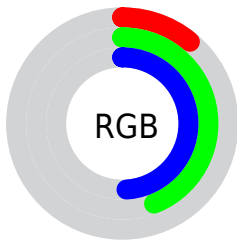
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 73, 125
Decimal	1863805
CIE <sub>Lab</sub>	43.24, -19.48, -14.24
CIE <sub>LCh</sub>	43, 24.129, 216.159
Yxy	13.3159, 0.2230, 0.2976
Android (android.graphics.Color)	4280053885 (0xFF1C707D)
YUV	88.3660, 18.0606, -52.9410
Hunter-Lab	36.4909, -15.0665, -9.3024

# Details

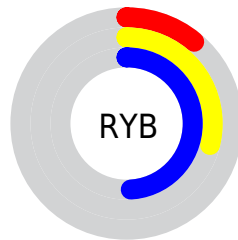
The YUV color **88.3660, 18.0606, -52.9410** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **64.6340, -18.0606, 52.9410**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.1710, 17.1707, -47.5080**, and **46.2320, 14.6756, -40.5455** is the 20% darker color. If you saturate the color by 10%, you get **83.3050, 20.5556, -59.9035**, and if you desaturate by 10%, it is **93.1280, 15.7129, -46.5933**.

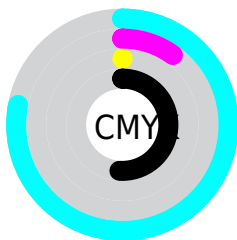
# Distribution



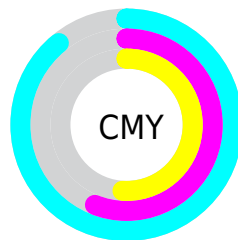
- Red (11%)
- Green (44%)
- Blue (49%)



- Red (11%)
- Yellow (29%)
- Blue (49%)



- Cyan (78%)
- Magenta (10%)
- Yellow (0%)
- Black (51%)



- Cyan (89%)
- Magenta (56%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 88.3660, 18.0606, -52.9410 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 88.3660, 18.0606, -52.9410 by changing the saturation by 10% instead.



88.3660, 18.0606,  
-52.9410

88.3660, 18.0606,  
-52.9410

255.0000, 0.0000,  
0.0000

62.4690, 18.5028,  
-54.7853

143.1710, 17.1707,  
-47.5080

46.2320, 14.6756,  
-40.5455

170.4700, 17.0233,  
-46.8932

30.1090, 11.2853,  
-26.4056

198.4700, 17.0233,  
-46.8932

15.9750, 7.9003,  
-14.0101

226.3730, 14.1131,  
-46.8081

0.6840, 2.6208,  
-0.5999

239.1530, 7.8126,  
-32.5832

0.0000, 0.0000,  
0.0000

247.8240, 3.5378,

-14.7546

■ 88.3660, 18.0606,  
-52.9410

■ 88.3660, 18.0606,  
-52.9410

■ 83.3050, 20.5556,  
-59.9035

■ 93.1280, 15.7129,  
-46.5933

■ 79.1300, 22.6139,  
-66.7660

■ 97.6020, 13.5072,  
-39.1160

■ 77.6460, 23.3455,  
-68.0955

■ 102.3640, 11.1595,  
-32.7682

■ 107.4250, 8.6645,  
-25.8057

■ 111.6000, 6.6062,  
-18.9432

■ 116.6610, 4.1111,  
-11.9807

■ 121.4230, 1.7635,  
-5.6330

■ 125.8970, -0.4422,  
1.8443

■ 130.6590, -2.7899,  
8.1921

# Harmonies

## Analogous

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



90.6740, 7.5557, -43.5641



88.3660, 18.0606, -52.9410



94.3660, 21.5116, -39.7860

# Triad

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



88.3660, 18.0606, -52.9410



104.9780, 6.9128, 22.8213



100.4300, -18.9460, 10.1469

# Complementary

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



88.3660, 18.0606, -52.9410



64.6340, -18.0606, 52.9410

# 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.



101.8600, -17.6790, 23.8018



88.3660, 18.0606, -52.9410



104.5140, -2.7184, 31.9982

# Square

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



88.3660, 18.0606, -52.9410



103.9310, 14.8240, 5.3225



103.2230, -11.4489, 32.2534



98.1720, -14.3818, -7.1668



# Rectangle

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



88.3660, 18.0606, -52.9410



98.7530, 21.3208, -25.2164



103.2230, -11.4489, 32.2534



101.0500, -19.2516, 14.8652

# Sweetspot

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



88.3660, 18.0606, -52.9410



149.0020, 6.9010, -20.1728



86.4210, -22.3926, -51.2352



73.3620, 4.2585, -12.5955



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.



88.3660, 18.0606, -52.9410



105.8120, 28.1937, -83.1501



60.1900, 31.9513, -28.2306



61.3200, 1.3212, -3.7886



79.1620, 24.0771, -69.4251



0.0000, 0.0000, 0.0000



# Inverse Universe

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



66.5790, 22.3926, 51.2352



71.4960, 35.2515, 80.2490



92.8100, -31.9513, 28.2306



59.7770, 1.5889, 3.7036



50.8120, 29.1797, 67.6939

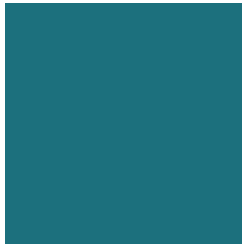


0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 88.3660, 18.0606, -52.9410 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 88.3660, 18.0606, -52.9410 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

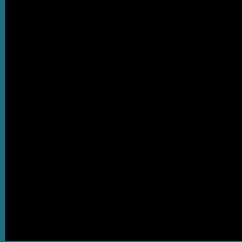
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 88.3660, 18.0606, -52.9410

## Background



This preview shows how black text looks on a background with the YUV color 88.3660, 18.0606, -52.9410.



This preview shows how white text looks on a background with the YUV color 88.3660, 18.0606,



# 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

88.3660, 18.0606, -52.9410

### Protanopia

102.2260, 7.2836, -2.8292

### Deuteranopia

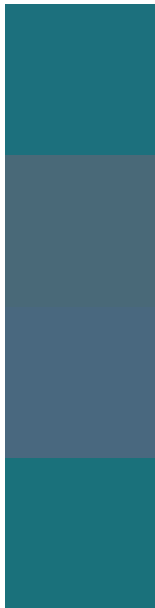
102.5940, 12.5252, -4.0289



## Tritanopia

87.7140, 16.9030, -55.0002

# Trichromacy



## Original Color

88.3660, 18.0606, -52.9410

## Protanomaly

97.1420, 11.2690, -21.1725

## Deuteranomaly

97.3530, 14.6160, -21.3576

## Tritanomaly

88.1270, 17.1924, -54.4854

# Monochromacy



## Original Color

88.3660, 18.0606, -52.9410

## Achromatopsia

88.0000, 0.0000, 0.0000

## Achromatomaly

88.1870, 6.3168, -19.4580

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 88.3660, 18.0606, -52.9410 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(28, 112, 125)` looks like.

```
.text, #text, p{  
    color:rgb(28, 112, 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(28, 112, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 112, 125) }
```

## Border

The CSS property to change the border of an element to YUV 88.3660, 18.0606, -52.9410 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(28, 112, 125) }
```



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

```
.border{ border-color:rgb(28, 112, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 112, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 112, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 112, 125);  
box-shadow:4px 4px 4px 4px rgb(28, 112,  
125) }
```

# Background

The CSS property to change the background color of an element to YUV 88.3660, 18.0606, -52.9410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 112, 125) }
```

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

```
.background{ background-color: rgb(28, 112,  
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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