

Converting Colors

YUV(83.8950, 25.6878,
-72.6989)

Have a look what the booklet for
YUV(83.8950, 25.6878, -72.6989)
contains.

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Color

**YUV(83.8950, 25.6878,
-72.6989)**

Conversions

Conversions Part 1

Format	Color
Hex	017488
RGB	1, 116, 136
RGB Percent	0%, 45%, 53%
CMY	0.9961, 0.5451, 0.4667
CMYK	0.99, 0.15, 0.00, 0.47
HSL	189°, 99%, 27%
HSV	189°, 99%, 53%
XYZ	10.7018, 14.2748, 25.4838
YIQ	83.8950, -74.9600, -18.1600

Conversions

Conversions Part 2

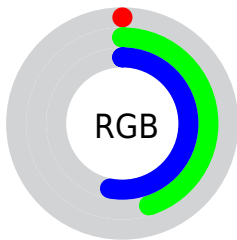
Format	Color
R _Y B	1, 63, 136
Decimal	95368
CIE Lab	44.62, -19.87, -18.73
CIE LCh	45, 27.306, 223.303
Yxy	14.2748, 0.2121, 0.2829
Android (android.graphics.Color)	4278285448 (0xFF017488)
YUV	83.8950, 25.6878, -72.6989
Hunter-Lab	37.7820, -15.5580, -13.5435

Details

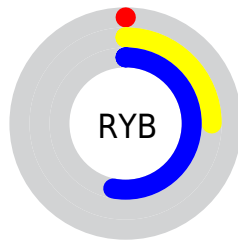
The YUV color **83.8950, 25.6878, -72.6989** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **53.1050, -25.6878, 72.6989**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.6800, 21.8498, -54.9704**, and **49.1330, 18.1754, -43.0896** is the 20% darker color. If you saturate the color by 10%, you get **83.5960, 25.8352, -73.3137**, and if you desaturate by 10%, it is **89.2550, 23.0453, -65.1216**.

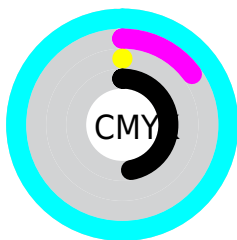
Distribution



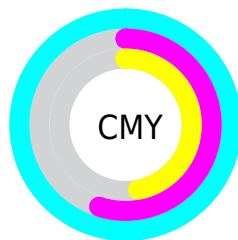
- Red (0%)
- Green (45%)
- Blue (53%)



- Red (0%)
- Yellow (25%)
- Blue (53%)



- Cyan (99%)
- Magenta (15%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (55%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.8950, 25.6878, -72.6989 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 83.8950, 25.6878, -72.6989 by changing the saturation by 10% instead.

83.8950, 25.6878,
-72.6989

83.8950, 25.6878,
-72.6989

255.0000, 0.0000,
0.0000

66.0710, 22.1500,
-57.9443

144.6800, 21.8498,
-54.9704

49.1330, 18.1754,
-43.0896

172.9790, 21.7024,
-54.3556

33.5970, 14.4957,
-29.4646

201.3920, 21.9917,
-53.8408

19.9360, 10.3846,
-17.4839

227.5250, 13.5452,
-51.3264

2.8670, 8.4466,
-2.5144

237.9570, 8.4022,
-35.0423

0.0000, 0.0000,
0.0000

246.6280, 4.1274,

-17.2138

■ 83.8950, 25.6878,
-72.6989

■ 83.8950, 25.6878,
-72.6989

■ 83.5960, 25.8352,
-73.3137

■ 89.2550, 23.0453,
-65.1216

■ 94.3160, 20.5502,
-58.1591

■ 99.6760, 17.9077,
-50.5819

■ 104.7370, 15.4127,
-43.6193

■ 110.0970, 12.7702,
-36.0421

■ 115.4570, 10.1277,
-28.4648

■ 120.5180, 7.6326,
-21.5023

■ 125.8780, 4.9901,
-13.9250

■ 130.9390, 2.4951,
-6.9625

Harmonies

Analogous

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



88.3560, 13.1355, -59.9482



83.8950, 25.6878, -72.6989



96.7940, 25.7376, -41.9153

Triad

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



83.8950, 25.6878, -72.6989



108.2670, 5.2914, 29.5838



102.6530, -20.5349, 6.4433

Complementary

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



83.8950, 25.6878, -72.6989



53.1050, -25.6878, 72.6989

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.



104.9370, -21.1679, 22.8573



83.8950, 25.6878, -72.6989



107.4500, -5.6449, 37.3163

Square

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



83.8950, 25.6878, -72.6989



108.3770, 15.0971, 11.0704



106.2080, -15.3855, 34.8976



99.9540, -13.7813, -13.1147

Rectangle

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



83.8950, 25.6878, -72.6989



102.7470, 23.7887, -23.4571



106.2080, -15.3855, 34.8976



103.7570, -21.5722, 12.4911

Sweetspot

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



83.8950, 25.6878, -72.6989



155.4570, 10.1277, -28.4648



82.2970, -31.2054, -71.2975



76.4970, 6.1640, -17.0989



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.



83.8950, 25.6878, -72.6989



108.1140, 33.4678, -94.8160



45.7400, 44.4982, -39.2370



66.3200, 1.3212, -3.7886



81.4930, 25.3930, -71.4694



2.9180, 1.0264, -2.5591

Inverse Universe

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



54.4750, 30.3318, 71.4974



69.7240, 39.5761, 93.2041



91.2600, -44.4982, 39.2370



64.7770, 1.5889, 3.7036



52.6490, 29.7530, 70.4678



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 83.8950, 25.6878, -72.6989 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 83.8950, 25.6878, -72.6989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

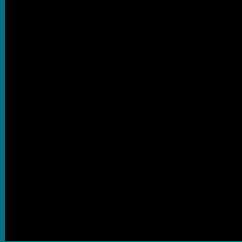
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.8950, 25.6878, -72.6989

Background



This preview shows how black text looks on a background with the YUV color 83.8950, 25.6878, -72.6989.



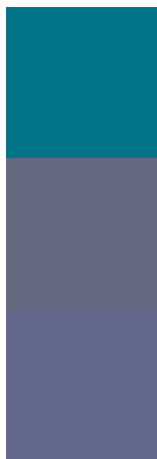
This preview shows how white text looks on a background with the YUV color 83.8950, 25.6878,

-72.6989.

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

83.8950, 25.6878, -72.6989

Protanopia

105.5400, 11.0728, -4.8586

Deuteranopia

105.8970, 16.3198, -7.8027



Tritanopia

83.0430, 21.1778, -72.8287

Trichromacy



Original Color

83.8950, 25.6878, -72.6989

Protanomaly

97.4660, 16.5323, -29.3497

Deuteranomaly

97.6660, 19.8847, -31.2791

Tritanomaly

83.4990, 22.9250, -73.2286

Monochromacy



Original Color

83.8950, 25.6878, -72.6989

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.2400, 9.2487, -26.5205

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.8950, 25.6878, -72.6989 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(1, 116, 136)` looks like.

```
.text, #text, p{  
    color:rgb(1, 116, 136)  
}
```

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(1, 116, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 116, 136) }
```

Border

The CSS property to change the border of an element to YUV 83.8950, 25.6878, -72.6989 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(1, 116, 136) }
```


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

```
.border{ border-color:rgb(1, 116, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 116, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 116, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 116, 136);  
box-shadow:4px 4px 4px 4px rgb(1, 116,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 83.8950, 25.6878, -72.6989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 116, 136) }
```

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

```
.background{ background-color: rgb(1, 116,  
136) }
```

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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