

Converting Colors

YUV(99.6490, 28.7670,
-80.3762)

Have a look what the booklet for
YUV(99.6490, 28.7670, -80.3762)
contains.

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Color

**YUV(99.6490, 28.7670,
-80.3762)**

Conversions

Conversions Part 1

Format	Color
Hex	08879E
RGB	8, 135, 158
RGB Percent	3%, 53%, 62%
CMY	0.9686, 0.4706, 0.3804
CMYK	0.95, 0.15, 0.00, 0.38
HSL	189°, 90%, 33%
HSV	189°, 95%, 62%
XYZ	14.9357, 19.8482, 35.3916
YIQ	99.6490, -83.0750, -19.7710

Conversions

Conversions Part 2

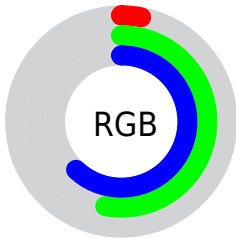
Format	Color
R _Y B	8, 77, 158
Decimal	559006
CIE Lab	51.67, -21.85, -20.85
CIE LCh	52, 30.198, 223.663
Yxy	19.8482, 0.2128, 0.2828
Android (android.graphics.Color)	4278749086 (0xFF08879E)
YUV	99.6490, 28.7670, -80.3762
Hunter-Lab	44.5513, -18.1233, -15.9142

Details

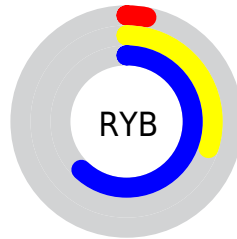
The YUV color **99.6490, 28.7670, -80.3762** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **66.3510, -28.7670, 80.3762**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.1350, 25.0764, -63.2624**, and **62.0930, 22.1392, -54.4556** is the 20% darker color. If you saturate the color by 10%, you get **96.6700, 30.2357, -84.7796**, and if you desaturate by 10%, it is **105.6070, 25.8297, -71.5693**.

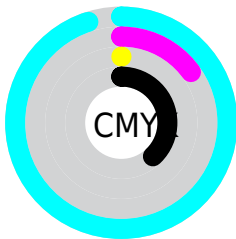
Distribution



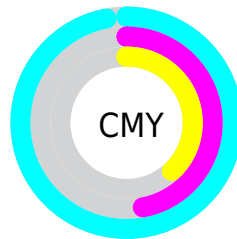
- Red (3%)
- Green (53%)
- Blue (62%)



- Red (3%)
- Yellow (30%)
- Blue (62%)



- Cyan (95%)
- Magenta (15%)
- Yellow (0%)
- Black (38%)



- Cyan (97%)
- Magenta (47%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.6490, 28.7670, -80.3762 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 99.6490, 28.7670, -80.3762 by changing the saturation by 10% instead.

■ 99.6490, 28.7670,
-80.3762

■ 99.6490, 28.7670,
-80.3762

■ 255.0000, 0.0000,
0.0000

■ 79.0310, 26.1137,
-69.3102

■ 162.1350, 25.0764,
-63.2624

■ 62.0930, 22.1392,
-54.4556

■ 190.1460, 25.0710,
-61.5180

■ 45.1550, 18.1646,
-39.6009

■ 217.7350, 18.3716,
-59.4036

■ 29.6190, 14.4848,
-25.9759

■ 232.2760, 11.2029,
-46.7231

■ 12.5500, 12.5468,
-11.0064

■ 241.2460, 6.7807,
-28.2797

■ 2.2970, 6.2626,
-2.0145

■ 250.2160, 2.3585,

■ 0.0000, 0.0000,

-9.8364

0.0000

■ 99.6490, 28.7670,
-80.3762

■ 99.6490, 28.7670,
-80.3762

■ 96.6700, 30.2357,
-84.7796

■ 105.6070, 25.8297,
-71.5693

■ 112.1520, 22.6031,
-63.2773

■ 117.8110, 19.8132,
-55.0852

■ 124.3560, 16.5865,
-46.7932

■ 130.3140, 13.6492,
-37.9864

■ 136.8590, 10.4225,
-29.6943

■ 142.8170, 7.4852,
-20.8875

■ 148.4760, 4.6953,
-12.6955

■ 155.0210, 1.4686,
-4.4034

Harmonies

Analogous

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



103.7680, 14.9044, -67.3255



99.6490, 28.7670, -80.3762



113.8580, 28.6640, -47.2335

Triad

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



99.6490, 28.7670, -80.3762



126.7020, 5.5699, 33.5873



119.8550, -23.5925, 7.1432

Complementary

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



99.6490, 28.7670, -80.3762



66.3510, -28.7670, 80.3762

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.



122.5630, -23.9416, 25.8162



99.6490, 28.7670, -80.3762



125.2550, -6.5347, 42.7494

Square

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



99.6490, 28.7670, -80.3762



126.2570, 17.1283, 12.9296



124.0730, -17.2910, 39.4010



117.0740, -15.8125, -14.9739

Rectangle

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



99.6490, 28.7670, -80.3762



120.4200, 26.4149, -25.8013



124.0730, -17.2910, 39.4010



121.2580, -24.7772, 13.8057

Sweetspot

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



99.6490, 28.7670, -80.3762



184.3750, 11.1541, -31.0239



98.5580, -33.7991, -79.4194



90.7140, 7.0430, -19.0432



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



99.6490, 28.7670, -80.3762



126.3230, 39.7738, -110.7853



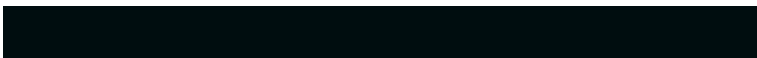
56.2110, 50.1820, -42.2810



76.0210, 1.4686, -4.4034



87.3290, 27.4458, -76.5875



9.3410, 2.7899, -8.1921

Inverse Universe

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



67.3280, 33.3623, 79.5193



81.8430, 45.9264, 109.7627



110.3760, -50.4714, 41.7662



74.1900, 1.8783, 4.2184



56.5510, 31.7734, 75.8158



5.9670, 3.4673, 7.9219

Previews

White Background



This preview shows how the YUV color 99.6490, 28.7670, -80.3762 looks on a white 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

Black Background



This preview shows how the YUV color 99.6490, 28.7670, -80.3762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

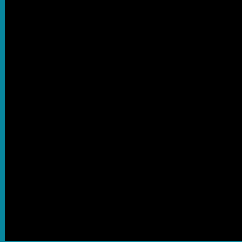
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 99.6490, 28.7670, -80.3762

Background



This preview shows how black text looks on a background with the YUV color 99.6490, 28.7670, -80.3762.



This preview shows how white text looks on a background with the YUV color 99.6490, 28.7670,

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

99.6490, 28.7670, -80.3762

Protanopia

122.8820, 12.3832, -5.1585

Deuteranopia

123.1680, 18.6512, -8.9173



Tritanopia

96.5900, 24.8521, -84.7094

Trichromacy



Original Color

99.6490, 28.7670, -80.3762

Protanomaly

114.3130, 18.5797, -32.7235

Deuteranomaly

114.6270, 22.3689, -34.7529

Tritanomaly

97.9430, 26.1571, -83.2650

Monochromacy



Original Color

99.6490, 28.7670, -80.3762

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.1580, 10.2751, -29.0796

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.6490, 28.7670, -80.3762 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(8, 135, 158)` looks like.

```
.text, #text, p{  
    color:rgb(8, 135, 158)  
}
```

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(8, 135, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 135, 158) }
```

Border

The CSS property to change the border of an element to YUV 99.6490, 28.7670, -80.3762 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(8, 135, 158) }
```


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

```
.border{ border-color:rgb(8, 135, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 135, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 135, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 135, 158);  
box-shadow:4px 4px 4px 4px rgb(8, 135,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 99.6490, 28.7670, -80.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 135, 158) }
```

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

```
.background{ background-color: rgb(8, 135,  
158) }
```

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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