

Converting Colors

YUV(93.2760, 7.7519, -59.8781)

Have a look what the booklet for
YUV(93.2760, 7.7519, -59.8781)
contains.

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Color

**YUV(93.2760, 7.7519,
-59.8781)**

Conversions

Conversions Part 1

Format	Color
Hex	197D6D
RGB	25, 125, 109
RGB Percent	10%, 49%, 43%
CMY	0.9020, 0.5098, 0.5725
CMYK	0.80, 0.00, 0.13, 0.51
HSL	170°, 67%, 29%
HSV	170°, 80%, 49%
XYZ	10.4948, 15.9780, 16.9989
YIQ	93.2760, -54.4640, -26.1760

Conversions

Conversions Part 2

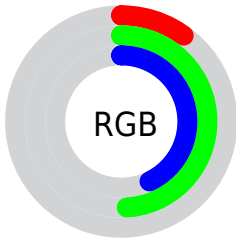
Format	Color
R_{YB}	25, 79, 125
Decimal	1670509
CIE Lab	46.95, -31.44, 0.83
CIE LCh	47, 31.455, 178.479
Yxy	15.9780, 0.2414, 0.3675
Android (android.graphics.Color)	4279860589 (0xFF197D6D)
YUV	93.2760, 7.7519, -59.8781
Hunter-Lab	39.9725, -23.0865, 2.7668

Details

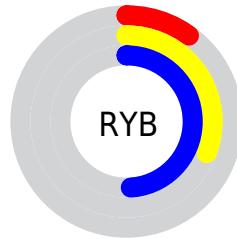
The YUV color **93.2760, 7.7519, -59.8781** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **56.7240, -7.7519, 59.8781**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.0380, 5.4043, -53.5303**, and **51.0930, 5.3772, -44.8086** is the 20% darker color. If you saturate the color by 10%, you get **89.1610, 8.7946, -67.6702**, and if you desaturate by 10%, it is **97.3910, 6.7092, -52.0859**.

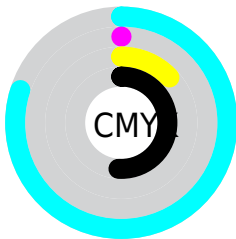
Distribution



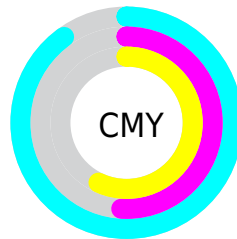
- Red (10%)
- Green (49%)
- Blue (43%)



- Red (10%)
- Yellow (31%)
- Blue (49%)



- Cyan (80%)
- Magenta (0%)
- Yellow (13%)
- Black (51%)



- Cyan (90%)
- Magenta (51%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.2760, 7.7519, -59.8781 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 93.2760, 7.7519, -59.8781 by changing the saturation by 10% instead.

93.2760, 7.7519,
-59.8781

93.2760, 7.7519,
-59.8781

255.0000, 0.0000,
0.0000

68.3900, 8.1887,
-59.9780

149.0380, 5.4043,
-53.5303

51.0930, 5.3772,
-44.8086

176.9240, 4.9675,
-53.4303

35.0840, 2.4236,
-30.7687

204.9240, 4.9675,
-53.4303

20.9500, -0.9613,
-18.3731

228.8150, 6.9932,
-49.8268

0.0000, 0.0000,
0.0000

238.8540, 7.9600,
-33.1980

247.5250, 3.6852,

-15.3694

■ 93.2760, 7.7519,
-59.8781

■ 93.2760, 7.7519,
-59.8781

■ 89.1610, 8.7946,
-67.6702

■ 97.3910, 6.7092,
-52.0859

■ 85.3450, 9.6899,
-74.8476

■ 101.2070, 5.8139,
-44.9085

■ 105.3220, 4.7713,
-37.1164

■ 109.1380, 3.8760,
-29.9390

■ 112.9540, 2.9807,
-22.7617

■ 117.0690, 1.9380,
-14.9695

■ 121.1840, 0.8953,
-7.1774

■ 125.0000, 0.0000,
0.0000

■ 129.1150, -1.0427,
7.7921

Harmonies

Analogous

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



102.5930, -9.6593, -28.5841



93.2760, 7.7519, -59.8781



88.8790, 23.2307, -77.9469

Triad

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



93.2760, 7.7519, -59.8781



113.1350, 22.1184, -0.9954



111.1880, -21.7847, 34.0381

Complementary

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



93.2760, 7.7519, -59.8781



56.7240, -7.7519, 59.8781

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.



112.0610, -12.3551, 42.9195



93.2760, 7.7519, -59.8781



114.3680, 12.1436, 25.1103

Square

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



93.2760, 7.7519, -59.8781



105.6470, 28.7680, -33.8934



113.6660, 0.1647, 40.6349



109.1660, -25.2248, 17.3944

Rectangle

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



93.2760, 7.7519, -59.8781



89.3010, 29.9246, -78.3170



113.6660, 0.1647, 40.6349



111.6060, -19.0328, 38.0565

Sweetspot

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



93.2760, 7.7519, -59.8781



150.6550, 3.1281, -23.3764



88.7830, -31.4450, -41.0287



74.3680, 1.7906, -14.3547



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.



93.2760, 7.7519, -59.8781



113.5060, 12.0755, -93.4058



75.7290, 24.2906, -44.4893



61.7930, 0.5951, -4.2035



87.3340, 9.6953, -76.5919



0.0000, 0.0000, 0.0000

Inverse Universe

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



56.7240, -7.7519, 59.8781



56.4940, -12.0755, 93.4058



74.2710, -24.2906, 44.4893



59.2070, -0.5951, 4.2035



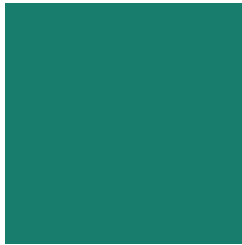
40.5520, -10.1321, 76.6919



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 93.2760, 7.7519, -59.8781 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 93.2760, 7.7519, -59.8781 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 93.2760, 7.7519, -59.8781

Background



This preview shows how black text looks on a background with the YUV color 93.2760, 7.7519, -59.8781.



This preview shows how white text looks on a background with the YUV color 93.2760, 7.7519, -59.8781.

-59.8781.

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

93.2760, 7.7519, -59.8781

Protanopia

110.4690, -4.6682, 3.9737

Deuteranopia

111.5710, 0.7045, 7.3922



Tritanopia

98.9210, 16.3079, -50.7967

Trichromacy



Original Color

93.2760, 7.7519, -59.8781

Protanomaly

103.8790, 0.0597, -19.1879

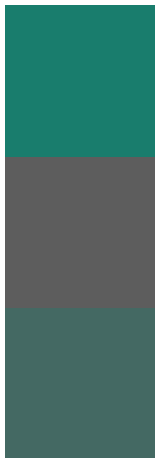
Deuteranomaly

105.1010, 3.4012, -17.6286

Tritanomaly

96.8020, 13.4086, -54.2004

Monochromacy



Original Color

93.2760, 7.7519, -59.8781

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.2530, 2.8333, -22.1469

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.2760, 7.7519, -59.8781 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(25, 125, 109)` looks like.

```
.text, #text, p{  
    color:rgb(25, 125, 109)  
}
```

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(25, 125, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 125, 109) }
```

Border

The CSS property to change the border of an element to YUV 93.2760, 7.7519, -59.8781 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(25, 125, 109) }
```


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

```
.border{ border-color:rgb(25, 125, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 125, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 125, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 125, 109);  
box-shadow:4px 4px 4px 4px rgb(25, 125,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 93.2760, 7.7519, -59.8781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 125, 109) }
```

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

```
.background{ background-color: rgb(25, 125,  
109) }
```

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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