

Converting Colors

YUV(93.7860, 27.7135,
-69.0953)

Have a look what the booklet for
YUV(93.7860, 27.7135, -69.0953)
contains.

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Color

**YUV(93.7860, 27.7135,
-69.0953)**

Conversions

Conversions Part 1

Format	Color
Hex	0F7B96
RGB	15, 123, 150
RGB Percent	6%, 48%, 59%
CMY	0.9412, 0.5176, 0.4118
CMYK	0.90, 0.18, 0.00, 0.41
HSL	192°, 82%, 32%
HSV	192°, 90%, 59%
XYZ	12.7850, 16.4695, 31.3593
YIQ	93.7860, -73.0350, -14.4990

Conversions

Conversions Part 2

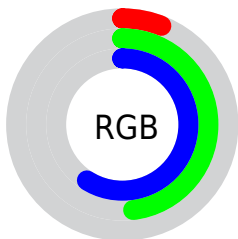
Format	Color
RYB	15, 75, 150
Decimal	1014678
CIELab	47.58, -17.88, -22.45
CIELCh	48, 28.703, 231.458
Yxy	16.4695, 0.2109, 0.2717
Android (android.graphics.Color)	4279204758 (0xFF0F7B96)
YUV	93.7860, 27.7135, -69.0953
Hunter-Lab	40.5826, -14.7857, -17.4071

Details

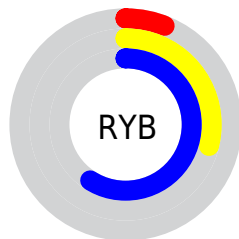
The YUV color **93.7860, 27.7135, -69.0953** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **71.2140, -27.7135, 69.0953**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.1790, 25.0548, -56.2850**, and **54.7240, 21.8281, -47.9929** is the 20% darker color. If you saturate the color by 10%, you get **87.5400, 30.7928, -76.7726**, and if you desaturate by 10%, it is **100.0320, 24.6342, -61.4181**.

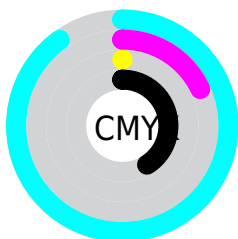
Distribution



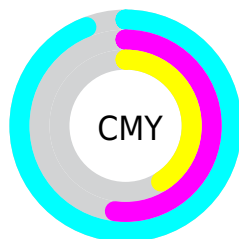
- Red (6%)
- Green (48%)
- Blue (59%)



- Red (6%)
- Yellow (29%)
- Blue (59%)



- Cyan (90%)
- Magenta (18%)
- Yellow (0%)
- Black (41%)



- Cyan (94%)
- Magenta (52%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.7860, 27.7135, -69.0953 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 93.7860, 27.7135, -69.0953 by changing the saturation by 10% instead.

93.7860, 27.7135,
-69.0953

93.7860, 27.7135,
-69.0953

255.0000, 0.0000,
0.0000

71.6620, 25.8026,
-62.8476

153.1790, 25.0548,
-56.2850

54.7240, 21.8281,
-47.9929

181.1900, 25.0493,
-54.5406

38.4870, 18.0009,
-33.7531

208.9190, 22.7179,
-53.4260

24.1250, 13.7424,
-21.1576

231.6780, 11.4977,
-47.9526

4.7080, 12.9620,
-4.1289

240.3490, 7.2229,
-30.1241

0.3420, 1.3104,
-0.2999

249.3190, 2.8007,

0.0000, 0.0000,

-11.6808

0.0000

■ 93.7860, 27.7135,
-69.0953

■ 93.7860, 27.7135,
-69.0953

■ 87.5400, 30.7928,
-76.7726

■ 100.0320, 24.6342,
-61.4181

■ 106.2780, 21.5549,
-53.7408

■ 112.5240, 18.4757,
-46.0635

■ 118.7700, 15.3964,
-38.3863

■ 125.0160, 12.3171,
-30.7090

■ 131.2620, 9.2378,
-23.0318

■ 137.5080, 6.1586,
-15.3545

■ 143.7540, 3.0793,
-7.6773

■ 150.0000, 0.0000,
0.0000

Harmonies

Analogous

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



90.8750, 19.2886, -73.5584



93.7860, 27.7135, -69.0953



106.3540, 26.4475, -36.2675

Triad

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



93.7860, 27.7135, -69.0953



115.9040, 2.5123, 34.2872



109.5060, -20.9555, 1.3102

Complementary

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



93.7860, 27.7135, -69.0953



71.2140, -27.7135, 69.0953

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.



111.7580, -23.0517, 20.3832



93.7860, 27.7135, -69.0953



114.5490, -9.1447, 39.8605

Square

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



93.7860, 27.7135, -69.0953



115.9650, 13.3283, 18.4477



113.3990, -18.4377, 33.8531



105.7790, -11.7230, -19.9772

Rectangle

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



93.7860, 27.7135, -69.0953



111.7910, 23.7670, -16.4797



113.3990, -18.4377, 33.8531



110.2080, -22.2875, 8.5876

Sweetspot

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



93.7860, 27.7135, -69.0953



171.6960, 10.9959, -26.9204



97.3230, -27.2742, -72.1973



84.2090, 6.3060, -15.9693



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



93.7860, 27.7135, -69.0953



113.1010, 39.8832, -99.1896



53.8700, 47.3921, -34.0890



70.7330, 1.6106, -3.2738



80.3020, 28.4451, -70.4249



5.8360, 2.0529, -5.1182

Inverse Universe

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



67.6770, 27.2742, 72.1973



75.6760, 39.1067, 103.7701



111.1300, -47.3921, 34.0890



69.6630, 1.1521, 3.8035



53.8020, 27.7056, 73.8416



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 93.7860, 27.7135, -69.0953 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 93.7860, 27.7135, -69.0953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

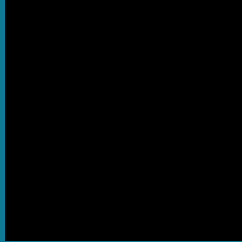
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.7860, 27.7135, -69.0953

Background



This preview shows how black text looks on a background with the YUV color 93.7860, 27.7135, -69.0953.

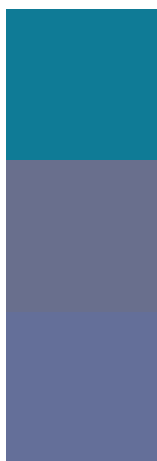


This preview shows how white text looks on a background with the YUV color 93.7860, 27.7135,

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

93.7860, 27.7135, -69.0953

Protanopia

112.6260, 13.9884, -6.6880

Deuteranopia

112.4990, 19.9670, -10.9616



Tritanopia

88.7650, 22.7939, -77.8469

Trichromacy



Original Color

93.7860, 27.7135, -69.0953

Protanomaly

105.4490, 19.0056, -29.3348

Deuteranomaly

105.4640, 22.9422, -31.9789

Tritanomaly

90.2430, 24.5302, -74.7581

Monochromacy



Original Color

93.7860, 27.7135, -69.0953

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0660, 9.8275, -25.4909

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.7860, 27.7135, -69.0953 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(15, 123, 150)` looks like.

```
.text, #text, p{  
    color:rgb(15, 123, 150)  
}
```

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(15, 123, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 123, 150) }
```

Border

The CSS property to change the border of an element to YUV 93.7860, 27.7135, -69.0953 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(15, 123, 150) }
```


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

```
.border{ border-color:rgb(15, 123, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 123, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 123, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 123, 150);  
box-shadow:4px 4px 4px 4px rgb(15, 123,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 93.7860, 27.7135, -69.0953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 123, 150) }
```

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

```
.background{ background-color: rgb(15, 123,  
150) }
```

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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