

Converting Colors

YUV(10.9710, 3.9583, -9.6216)

Have a look what the booklet for
YUV(10.9710, 3.9583, -9.6216)
contains.

YUV(10.9710, 3.9583, -9.6216)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(10.9710, 3.9583,
-9.6216)**

Conversions

Conversions Part 1

Format	Color
Hex	000F13
RGB	0, 15, 19
RGB Percent	0%, 6%, 7%
CMY	1.0000, 0.9412, 0.9255
CMYK	1.00, 0.21, 0.00, 0.93
HSL	193°, 100%, 4%
HSV	193°, 100%, 7%
XYZ	0.2884, 0.3887, 0.6759
YIQ	10.9710, -10.2240, -1.9360

Conversions

Conversions Part 2

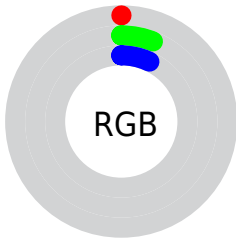
Format	Color
RYB	0, 8, 19
Decimal	3859
CIELab	3.51, -3.32, -3.61
CIElCh	4, 4.908, 227.434
Yxy	0.3887, 0.2131, 0.2873
Android (android.graphics.Color)	4278193939 (0xFF000F13)
YUV	10.9710, 3.9583, -9.6216
Hunter-Lab	6.2343, -2.6535, -2.0641

Details

The YUV color **10.9710, 3.9583, -9.6216** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **8.0290, -3.9583, 9.6216**, and the grayscale version is **11.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **55.0530, 2.9319, -7.0625**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **10.9710, 3.9583, -9.6216**, and if you desaturate by 10%, it is **11.5690, 3.6635, -8.3920**.

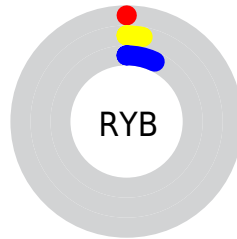
Distribution



Red (0%)

Green (6%)

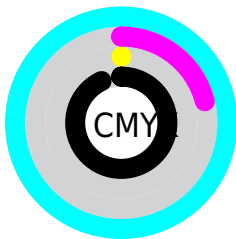
Blue (7%)



Red (0%)

Yellow (3%)

Blue (7%)

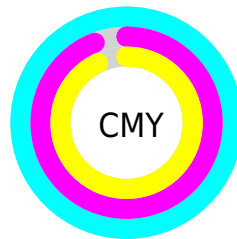


Cyan (100%)

Magenta (21%)

Yellow (0%)

Black (93%)



Cyan (100%)

Magenta (94%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 10.9710, 3.9583, -9.6216 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 10.9710, 3.9583, -9.6216 by changing the saturation by 10% instead.

■ 10.9710, 3.9583,
-9.6216

■ 10.9710, 3.9583,
-9.6216

■ 235.5690, 3.6635,
-8.3920

■ 0.0000, 0.0000,
0.0000

■ 55.0530, 2.9319,
-7.0625

■ 78.0530, 2.9319,
-7.0625

■ 102.1670, 3.3687,
-7.1625

■ 126.8680, 3.5161,
-7.7772

■ 152.8680, 3.5161,
-7.7772

■ 179.8680, 3.5161,

-7.7772

■ 206.9820, 3.9529,
-7.8772

■ 10.9710, 3.9583,
-9.6216

■ 11.5690, 3.6635,
-8.3920

■ 12.7540, 3.0793,
-7.6773

■ 13.3520, 2.7845,
-6.4477

■ 14.5370, 2.2003,
-5.7329

■ 15.1350, 1.9054,
-4.5034

■ 15.4340, 1.7580,
-3.8886

■ 16.6190, 1.1738,
-3.1739

■ 17.2170, 0.8790,
-1.9443

■ 18.4020, 0.2948,
-1.2296

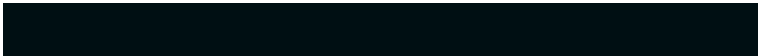
Harmonies

Analogous

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



11.1020, 1.9217, -9.7365



10.9710, 3.9583, -9.6216



12.1070, 4.3842, -6.2328

Triad

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



10.9710, 3.9583, -9.6216



13.2720, 0.8519, 6.7775



11.9310, -5.3890, 1.8145

Complementary

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



10.9710, 3.9583, -9.6216



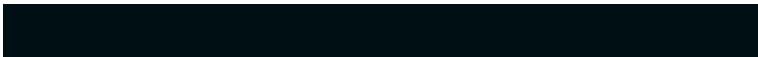
8.0290, -3.9583, 9.6216

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.



12.2520, -5.5472, 5.9180



10.9710, 3.9583, -9.6216



12.8870, -1.9163, 7.9921

Square

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



10.9710, 3.9583, -9.6216



13.1190, 2.8993, 3.4036



12.9040, -4.3897, 7.9772



11.4680, -3.1887, -3.9184

Rectangle

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



10.9710, 3.9583, -9.6216



12.7160, 4.0840, -3.2589



12.9040, -4.3897, 7.9772



12.5290, -5.6838, 3.0441

Sweetspot

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



10.9710, 3.9583, -9.6216



22.4340, 1.7580, -3.8886



11.6090, -3.7512, -10.1811



10.9180, 1.0264, -2.5591



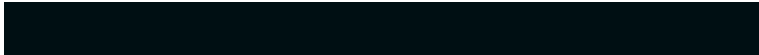
140.0000, 0.0000, 0.0000



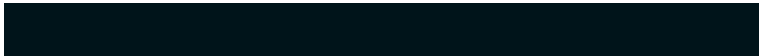
13.0000, 0.0000, 0.0000

Same Dimension

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



10.9710, 3.9583, -9.6216



14.7040, 5.5689, -12.8954



5.6880, 6.5628, -4.9884



9.7010, 0.1474, -0.6148



42.4820, 15.5384, -37.2567



116.2470, 41.7832, -101.9486

Inverse Universe

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



7.3910, 3.7512, 10.1811



10.0540, 4.9034, 13.9846



13.3120, -6.5628, 4.9884



9.4130, 0.2894, 0.5148



28.7380, 14.4262, 39.6948



78.2250, 39.8221, 107.6737

Previews

White Background



This preview shows how the YUV color 10.9710, 3.9583, -9.6216 looks on a white background.

Color Contrast Check

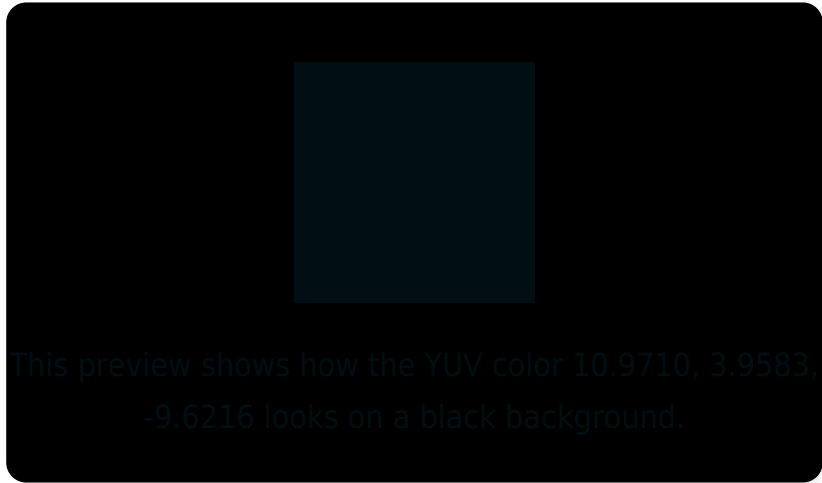
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

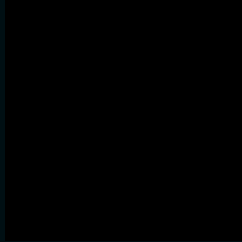
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

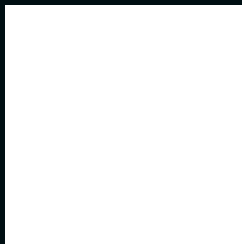
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 10.9710, 3.9583, -9.6216

Background



This preview shows how black text looks on a background with the YUV color 10.9710, 3.9583, -9.6216.



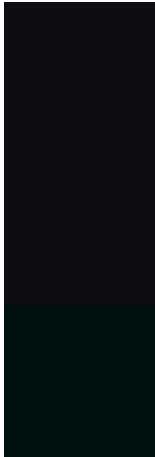
This preview shows how white text looks on a background with the YUV color 10.9710, 3.9583, -9.6216.

-9.6216.

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



Protanopia

14.1570, 1.8946, -1.0147

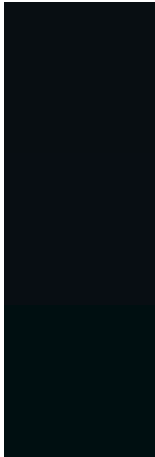
Deuteranopia

13.9720, 2.4788, -1.7294

Tritanopia

10.6290, 2.6479, -9.3216

Trichromacy



Protanomaly

12.6620, 2.6316, -4.0886

Deuteranomaly

12.7760, 3.0684, -4.1886

Tritanomaly

10.7430, 3.0847, -9.4216

Monochromacy



Achromatopsia

11.0000, 0.0000, 0.0000

Achromatomaly

10.7330, 1.6106, -3.2738

CSS Examples

Text

The CSS property to change the color of the text to YUV 10.9710, 3.9583, -9.6216 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(0, 15, 19)` looks like.

```
.text, #text, p{  
    color:rgb(0, 15, 19)  
}
```

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(0, 15, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 15, 19) }
```

Border

The CSS property to change the border of an element to YUV 10.9710, 3.9583, -9.6216 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(0, 15, 19) }
```

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

```
.border{ border-color:rgb(0, 15, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 15, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 15, 19); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 15, 19); box-shadow:4px  
4px 4px 4px rgb(0, 15, 19) }
```


Background

The CSS property to change the background color of an element to YUV 10.9710, 3.9583, -9.6216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 15, 19) }
```

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

```
.background{ background-color: rgb(0, 15,  
19) }
```

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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