

Converting Colors

YUV(10.7980, 3.0576, -0.6998)

Have a look what the booklet for
YUV(10.7980, 3.0576, -0.6998)
contains.

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Color

**YUV(10.7980, 3.0576,
-0.6998)**

Conversions

Conversions Part 1

Format	Color
Hex	0A0A11
RGB	10, 10, 17
RGB Percent	4%, 4%, 7%
CMY	0.9608, 0.9608, 0.9333
CMYK	0.41, 0.41, 0.00, 0.93
HSL	240°, 26%, 5%
HSV	240°, 41%, 7%
XYZ	0.3349, 0.3221, 0.5748
YIQ	10.7980, -2.2470, 2.1770

Conversions

Conversions Part 2

Format	Color
R_{YB}	10, 10, 17
Decimal	657937
CIE _{Lab}	2.91, 1.18, -3.21
CIE _{LCh}	3, 3.416, 290.179
Yxy	0.3221, 0.2719, 0.2615
Android (android.graphics.Color)	4278848017 (0xFF0A0A11)
YUV	10.7980, 3.0576, -0.6998
Hunter-Lab	5.6752, 0.6015, -2.0327

Details

The YUV color **10.7980, 3.0576, -0.6998** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **16.2020, -3.0576, 0.6998**, and the grayscale version is **11.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **54.5700, 2.1840, -0.4999**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **9.0260, 3.9312, -0.8998**, and if you desaturate by 10%, it is **12.5700, 2.1840, -0.4999**.

Distribution



Red (4%)

Green (4%)

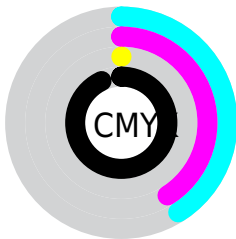
Blue (7%)



Red (4%)

Yellow (4%)

Blue (7%)

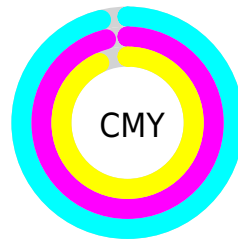


Cyan (41%)

Magenta (41%)

Yellow (0%)

Black (93%)



Cyan (96%)

Magenta (96%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 10.7980, 3.0576, -0.6998 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 10.7980, 3.0576, -0.6998 by changing the saturation by 10% instead.

■ 10.7980, 3.0576,
-0.6998

■ 10.7980, 3.0576,
-0.6998

■ 234.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 54.5700, 2.1840,
-0.4999

■ 77.5700, 2.1840,
-0.4999

■ 101.6840, 2.6208,
-0.5999

■ 126.6840, 2.6208,
-0.5999

■ 152.6840, 2.6208,
-0.5999

■ 178.7980, 3.0576,

-0.6998

■ 206.6840, 2.6208,
-0.5999

■ 10.7980, 3.0576,
-0.6998

■ 10.7980, 3.0576,
-0.6998

■ 9.0260, 3.9312,
-0.8998

■ 12.5700, 2.1840,
-0.4999

■ 8.1400, 4.3680,
-0.9998

■ 13.4560, 1.7472,
-0.3999

■ 6.3680, 5.2416,
-1.1997

■ 15.2280, 0.8736,
-0.2000

■ 4.5960, 6.1152,
-1.3997

■ 17.0000, 0.0000,
0.0000

■ 3.7100, 6.5520,
-1.4997

■ 18.7720, -0.8736,
0.2000

■ 1.9380, 7.4256,
-1.6996

■ 19.6580, -1.3104,
0.2999

■ 21.4300, -2.1840,
0.4999

■ 23.2020, -3.0576,
0.6998

■ 24.0880, -3.4944,
0.7998

Harmonies

Analogous

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



9.8900, 3.5052, -4.2885



10.7980, 3.0576, -0.6998



11.1790, 1.8838, 2.4740

Triad

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



10.7980, 3.0576, -0.6998



11.1210, -3.5107, 6.0329



9.5540, -0.2731, -5.7479

Complementary

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



10.7980, 3.0576, -0.6998



16.2020, -3.0576, 0.6998

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.



9.4080, -2.1731, -2.9888



10.7980, 3.0576, -0.6998



10.5830, -4.2314, 3.8737

Square

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



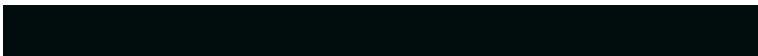
10.7980, 3.0576, -0.6998



10.9900, -1.4741, 6.1478



10.0880, -3.4944, 0.7998



9.4120, 1.7689, -7.3773

Rectangle

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



10.7980, 3.0576, -0.6998



10.9620, 1.0047, 4.4183



10.0880, -3.4944, 0.7998



9.7390, -0.8573, -5.0331

Sweetspot

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



10.7980, 3.0576, -0.6998



20.3420, 1.3104, -0.2999



14.9070, 1.0318, -4.3034



11.2280, 0.8736, -0.2000



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.



10.7980, 3.0576, -0.6998



13.2540, 4.8048, -1.0998



11.9940, 2.4680, 1.7593



7.1140, 0.4368, -0.1000



8.0940, 31.0127, -7.0984



22.6860, 86.9228, -19.8956

Inverse Universe

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



12.8910, 2.0257, 3.6036



16.5430, 3.1833, 5.6628



15.3050, -2.6154, -1.1445



7.4130, 0.2894, 0.5148



29.3230, 20.5468, 36.5507



82.1870, 57.5888, 102.4450

Previews

White Background



This preview shows how the YUV color 10.7980, 3.0576, -0.6998 looks on a white background.

Color Contrast Check

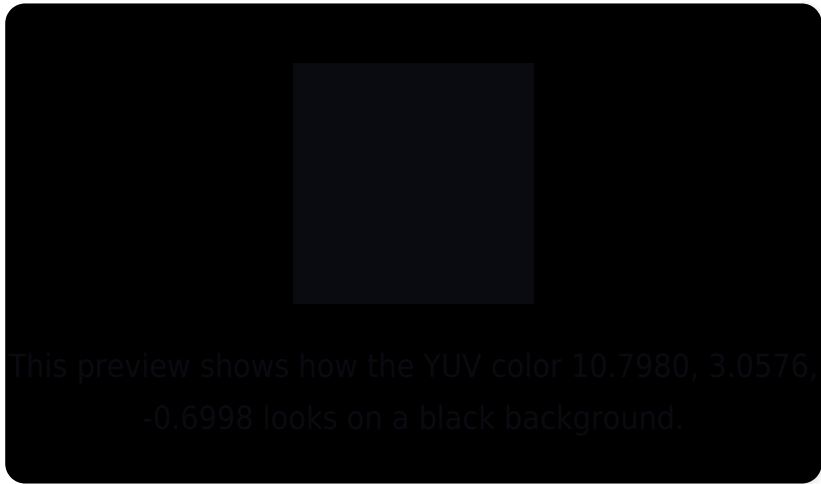
Large Text (above 18pt) WCAG AA ✓ Pass

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

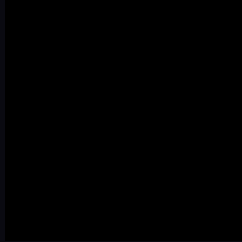
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 10.7980, 3.0576, -0.6998

Background



This preview shows how black text looks on a background with the YUV color 10.7980, 3.0576, -0.6998.



This preview shows how white text looks on a background with the YUV color 10.7980, 3.0576, -0.6998.

-0.6998.

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

10.7980, 3.0576, -0.6998

Protanopia

10.2000, 3.3524, -1.9294

Deuteranopia

10.4880, 3.2104, -3.0590



Tritanopia

10.5160, 0.7316, -1.3295

Trichromacy



Original Color

10.7980, 3.0576, -0.6998

Protanomaly

10.4990, 3.2050, -1.3146

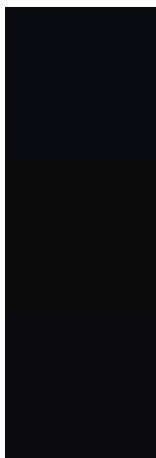
Deuteranomaly

10.7870, 3.0630, -2.4442

Tritanomaly

10.7440, 1.6052, -1.5295

Monochromacy



Original Color

10.7980, 3.0576, -0.6998

Achromatopsia

11.0000, 0.0000, 0.0000

Achromatomaly

11.2280, 0.8736, -0.2000

CSS Examples

Text

The CSS property to change the color of the text to YUV 10.7980, 3.0576, -0.6998 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(10, 10, 17)` looks like.

```
.text, #text, p{  
    color:rgb(10, 10, 17)  
}
```

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(10, 10, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 10, 17) }
```

Border

The CSS property to change the border of an element to YUV 10.7980, 3.0576, -0.6998 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(10, 10, 17) }
```


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

```
.border{ border-color:rgb(10, 10, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 10, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 10, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 10, 17);  
box-shadow:4px 4px 4px 4px rgb(10, 10, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 10.7980, 3.0576, -0.6998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 10, 17) }
```

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

```
.background{ background-color: rgb(10, 10,  
17) }
```

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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