

Converting Colors

YUV(19.7540, 3.0793, -7.6773)

Have a look what the booklet for
YUV(19.7540, 3.0793, -7.6773)
contains.

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Color

**YUV(19.7540, 3.0793,
-7.6773)**

Conversions

Conversions Part 1

Format	Color
Hex	0B171A
RGB	11, 23, 26
RGB Percent	4%, 9%, 10%
CMY	0.9569, 0.9098, 0.8980
CMYK	0.58, 0.12, 0.00, 0.90
HSL	192°, 41%, 7%
HSV	192°, 58%, 10%
XYZ	0.6309, 0.7585, 1.0904
YIQ	19.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

Format	Color
R_YB	11, 18, 26
Decimal	726810
CIE Lab	6.85, -3.69, -3.71
CIE LCh	7, 5.233, 225.155
Yxy	0.7585, 0.2544, 0.3059
Android (android.graphics.Color)	4278916890 (0xFF0B171A)
YUV	19.7540, 3.0793, -7.6773
Hunter-Lab	8.7093, -2.3116, -1.3268

Details

The YUV color **19.7540, 3.0793, -7.6773** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **17.2460, -3.0793, 7.6773**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **62.1670, 3.3687, -7.1625**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.2700, 3.8109, -9.0068**, and if you desaturate by 10%, it is **21.2380, 2.3477, -6.3477**.

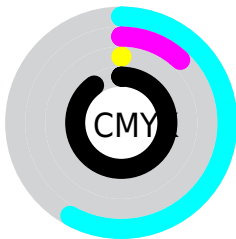
Distribution



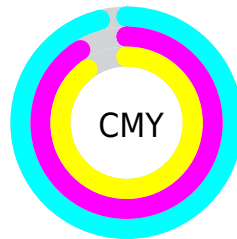
- Red (4%)
- Green (9%)
- Blue (10%)



- Red (4%)
- Yellow (7%)
- Blue (10%)



- Cyan (58%)
- Magenta (12%)
- Yellow (0%)
- Black (90%)



- Cyan (96%)
- Magenta (91%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.7540, 3.0793, -7.6773 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 19.7540, 3.0793, -7.6773 by changing the saturation by 10% instead.

■ 19.7540, 3.0793,
-7.6773

■ 19.7540, 3.0793,
-7.6773

■ 244.6830, 4.1003,
-8.4920

■ 0.0000, 0.0000,
0.0000

■ 62.1670, 3.3687,
-7.1625

■ 85.7540, 3.0793,
-7.6773

■ 109.8680, 3.5161,
-7.7772

■ 135.5690, 3.6635,
-8.3920

■ 161.5690, 3.6635,
-8.3920

■ 188.5690, 3.6635,

-8.3920

■ 216.2700, 3.8109,
-9.0068

■ 19.7540, 3.0793,
-7.6773

■ 19.7540, 3.0793,
-7.6773

■ 18.2700, 3.8109,
-9.0068

■ 21.2380, 2.3477,
-6.3477

■ 17.6720, 4.1057,
-10.2363

■ 21.8360, 2.0529,
-5.1182

■ 16.1880, 4.8373,
-11.5659

■ 23.3200, 1.3212,
-3.7886

■ 15.5900, 5.1321,
-12.7954

■ 23.9180, 1.0264,
-2.5591

■ 15.2910, 5.2795,
-13.4102

■ 25.4020, 0.2948,
-1.2296

■ 26.2990, -0.1474,
0.6148

■ 27.4840, -0.7316,
1.3295

■ 28.3810, -1.1738,
3.1739

■ 29.5660, -1.7580,
3.8886

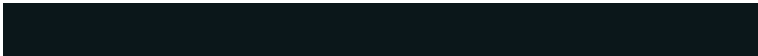
Harmonies

Analogous

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



19.1130, 1.9163, -7.9921



19.7540, 3.0793, -7.6773



20.5910, 3.6526, -4.9033

Triad

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



19.7540, 3.0793, -7.6773



21.8480, 0.5679, 4.5183



20.8600, -4.3680, 0.9998

Complementary

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



19.7540, 3.0793, -7.6773



17.2460, -3.0793, 7.6773

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.



20.9960, -3.9420, 4.3885



19.7540, 3.0793, -7.6773



21.9900, -1.4741, 6.1478

Square

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



19.7540, 3.0793, -7.6773



21.8800, 2.0312, 1.8592



21.2350, -3.0739, 5.9329



20.5930, -2.7573, -2.2741

Rectangle

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



19.7540, 3.0793, -7.6773



20.9010, 3.4998, -2.5442



21.2350, -3.0739, 5.9329



20.8710, -4.3734, 2.7441

Sweetspot

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



19.7540, 3.0793, -7.6773



30.9180, 1.0264, -2.5591



20.1470, -3.0305, -8.0219



16.2170, 0.8790, -1.9443



145.0000, 0.0000, 0.0000



18.0000, 0.0000, 0.0000

Same Dimension

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



19.7540, 3.0793, -7.6773



23.7750, 4.5479, -12.0807



15.0580, 5.3944, -3.5589



11.8150, 0.5842, -0.7148



44.5850, 15.9806, -39.1010



118.9370, 41.9361, -104.3077

Inverse Universe

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



16.8530, 3.0305, 8.0219



19.0430, 4.9088, 12.2403



21.3550, -5.1050, 4.0737



11.7120, 0.1420, 1.1296



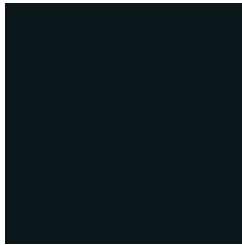
29.9770, 15.2943, 41.2392



79.5780, 41.1270, 109.1181

Previews

White Background



This preview shows how the YUV color 19.7540, 3.0793, -7.6773 looks on a white background.

Color Contrast Check

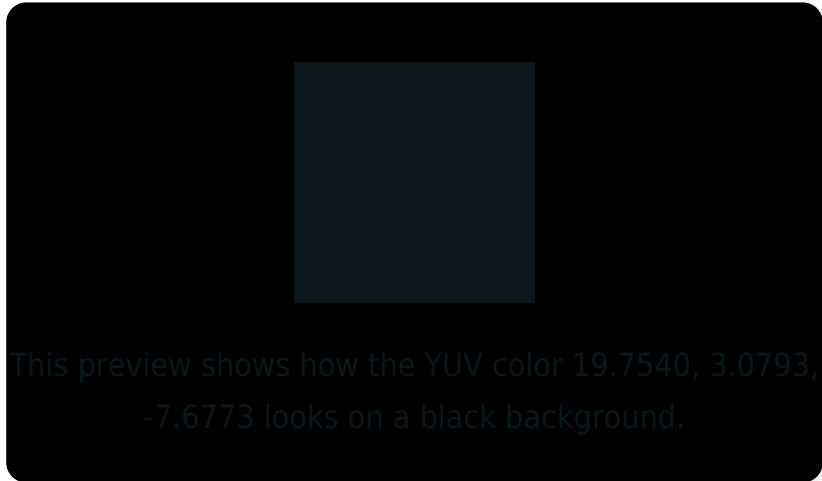
Large Text (above 18pt) WCAG AA ✓ Pass

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

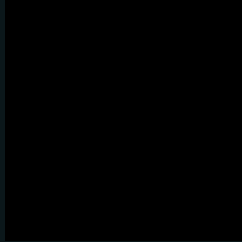
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

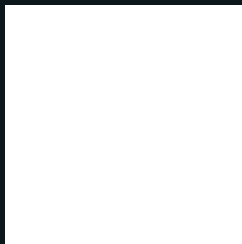
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 19.7540, 3.0793, -7.6773

Background



This preview shows how black text looks on a background with the YUV color 19.7540, 3.0793, -7.6773.



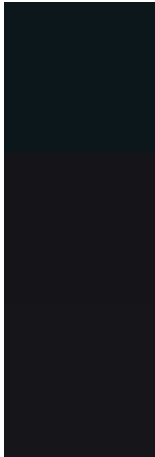
This preview shows how white text looks on a background with the YUV color 19.7540, 3.0793, -7.6773.

-7.6773.

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

19.7540, 3.0793, -7.6773

Protanopia

21.4560, 1.7472, -0.3999

Deuteranopia

21.5700, 2.1840, -0.4999



Tritanopia

19.6400, 2.6425, -7.5773

Trichromacy



Original Color

19.7540, 3.0793, -7.6773

Protanomaly

20.8470, 2.0474, -3.3738

Deuteranomaly

20.9610, 2.4842, -3.4738

Tritanomaly

19.6400, 2.6425, -7.5773

Monochromacy



Original Color

19.7540, 3.0793, -7.6773

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

19.9180, 1.0264, -2.5591

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.7540, 3.0793, -7.6773 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(11, 23, 26)` looks like.

```
.text, #text, p{  
    color:rgb(11, 23, 26)  
}
```

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(11, 23, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 23, 26) }
```

Border

The CSS property to change the border of an element to YUV 19.7540, 3.0793, -7.6773 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(11, 23, 26) }
```


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

```
.border{ border-color:rgb(11, 23, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 23, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 23, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 23, 26);  
box-shadow:4px 4px 4px 4px rgb(11, 23, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 19.7540, 3.0793, -7.6773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 23, 26) }
```

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

```
.background{ background-color: rgb(11, 23,  
26) }
```

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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