

Converting Colors

YUV(20.9820, 3.9529, -7.8772)

Have a look what the booklet for
YUV(20.9820, 3.9529, -7.8772)
contains.

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Color

**YUV(20.9820, 3.9529,
-7.8772)**

Conversions

Conversions Part 1

Format	Color
Hex	0C181D
RGB	12, 24, 29
RGB Percent	5%, 9%, 11%
CMY	0.9529, 0.9059, 0.8863
CMYK	0.59, 0.17, 0.00, 0.89
HSL	198°, 41%, 8%
HSV	198°, 59%, 11%
XYZ	0.7000, 0.8201, 1.2838
YIQ	20.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

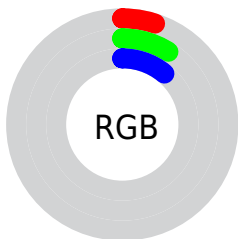
Format	Color
R_{YB}	12, 19, 29
Decimal	792605
CIE _{Lab}	7.41, -3.26, -5.16
CIE _{LCh}	7, 6.103, 237.754
Yxy	0.8201, 0.2497, 0.2925
Android (android.graphics.Color)	4278982685 (0xFF0C181D)
YUV	20.9820, 3.9529, -7.8772
Hunter-Lab	9.0562, -2.0505, -2.0657

Details

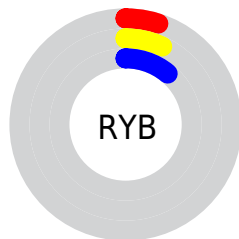
The YUV color **20.9820, 3.9529, -7.8772** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **20.0180, -3.9529, 7.8772**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **63.9820, 3.9529, -7.8772**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.4980, 4.6845, -9.2067**, and if you desaturate by 10%, it is **22.4660, 3.2213, -6.5477**.

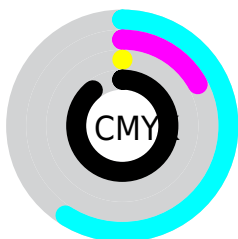
Distribution



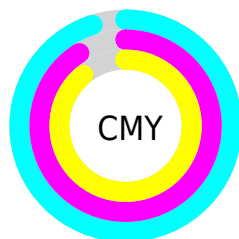
- Red (5%)
- Green (9%)
- Blue (11%)



- Red (5%)
- Yellow (7%)
- Blue (11%)



- Cyan (59%)
- Magenta (17%)
- Yellow (0%)
- Black (89%)



- Cyan (95%)
- Magenta (91%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.9820, 3.9529, -7.8772 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 20.9820, 3.9529, -7.8772 by changing the saturation by 10% instead.

■ 20.9820, 3.9529,
-7.8772

■ 20.9820, 3.9529,
-7.8772

■ 246.3840, 4.2477,
-9.1068

■ 0.2280, 0.8736,
-0.2000

■ 63.9820, 3.9529,
-7.8772

■ 0.0000, 0.0000,
0.0000

■ 87.0960, 4.3897,
-7.9772

■ 111.2100, 4.8265,
-8.0772

■ 136.9110, 4.9739,
-8.6919

■ 162.9110, 4.9739,
-8.6919

■ 190.0250, 5.4107,

-8.7919

■ 217.7260, 5.5581,
-9.4067

■ 20.9820, 3.9529,
-7.8772

■ 20.9820, 3.9529,
-7.8772

■ 19.4980, 4.6845,
-9.2067

■ 22.4660, 3.2213,
-6.5477

■ 18.0140, 5.4161,
-10.5363

■ 23.9500, 2.4897,
-5.2181

■ 16.5300, 6.1477,
-11.8658

■ 25.4340, 1.7580,
-3.8886

■ 15.6330, 6.5899,
-13.7101

■ 26.3310, 1.3158,
-2.0443

■ 15.0460, 6.8793,
-13.1953

■ 27.8150, 0.5842,
-0.7148

■ 29.0000, 0.0000,
0.0000

■ 30.4840, -0.7316,
1.3295

■ 31.9680, -1.4632,
2.6591

■ 33.4520, -2.1948,
3.9886

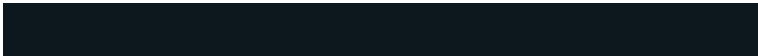
Harmonies

Analogous

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



20.6290, 2.6479, -9.3216



20.9820, 3.9529, -7.8772



22.0040, 3.9420, -4.3885

Triad

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



20.9820, 3.9529, -7.8772



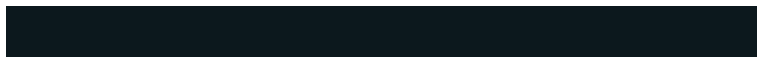
22.7450, 0.1257, 6.3626



21.5610, -4.2206, 0.3850

Complementary

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



20.9820, 3.9529, -7.8772



20.0180, -3.9529, 7.8772

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.



22.0560, -4.9576, 3.4589



20.9820, 3.9529, -7.8772



23.0610, -2.4951, 6.9625

Square

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



20.9820, 3.9529, -7.8772



22.8910, 2.0257, 3.6036



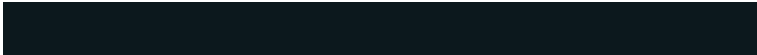
22.5940, -4.2368, 5.6181



20.8100, -1.8783, -4.2184

Rectangle

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



20.9820, 3.9529, -7.8772



22.6130, 3.6418, -1.4146



22.5940, -4.2368, 5.6181



21.8600, -4.3680, 0.9998

Sweetspot

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



20.9820, 3.9529, -7.8772



34.7330, 1.6106, -3.2738



22.5490, -2.7357, -9.2515



18.2170, 0.8790, -1.9443



148.0000, 0.0000, 0.0000



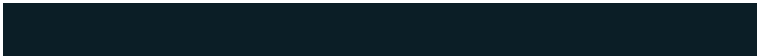
20.0000, 0.0000, 0.0000

Same Dimension

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



20.9820, 3.9529, -7.8772



25.2310, 6.2951, -12.4806



16.2860, 6.2680, -3.7588



14.7010, 0.1474, -0.6148



41.8780, 18.3011, -36.7270



109.3000, 48.1661, -95.8561

Inverse Universe

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



18.4510, 2.7357, 9.2515



21.2390, 4.3192, 14.6994



24.7140, -6.2680, 3.7588



14.4130, 0.2894, 0.5148



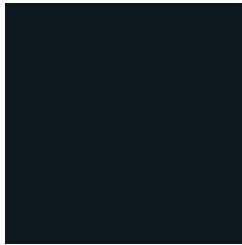
30.0050, 12.8155, 42.9686



78.5370, 33.2593, 112.6621

Previews

White Background



This preview shows how the YUV color 20.9820, 3.9529, -7.8772 looks on a white background.

Color Contrast Check

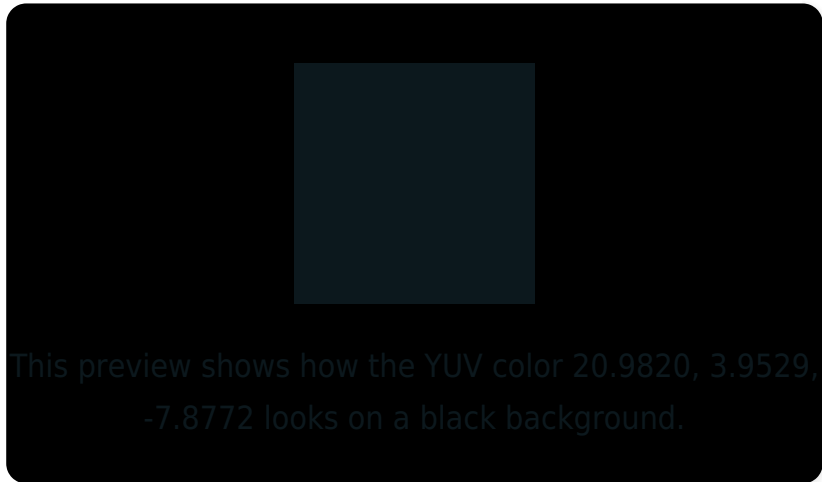
Large Text (above 18pt) WCAG AA ✓ Pass

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

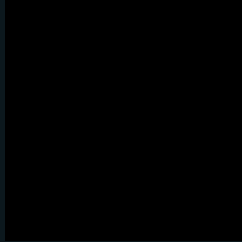
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

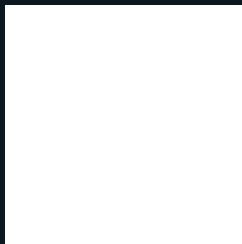
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 20.9820, 3.9529, -7.8772

Background



This preview shows how black text looks on a background with the YUV color 20.9820, 3.9529, -7.8772.



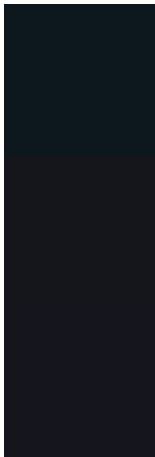
This preview shows how white text looks on a background with the YUV color 20.9820, 3.9529, -7.8772.

-7.8772.

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

20.9820, 3.9529, -7.8772

Protanopia

22.3850, 2.7682, -1.2146

Deuteranopia

22.4990, 3.2050, -1.3146



Tritanopia

20.3410, 2.7899, -8.1921

Trichromacy



Original Color

20.9820, 3.9529, -7.8772

Protanomaly

22.0750, 2.9210, -3.5738

Deuteranomaly

22.1890, 3.3578, -3.6738

Tritanomaly

20.4550, 3.2267, -8.2920

Monochromacy



Original Color

20.9820, 3.9529, -7.8772

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

21.0320, 1.4632, -2.6591

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.9820, 3.9529, -7.8772 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(12, 24, 29)` looks like.

```
.text, #text, p{  
    color:rgb(12, 24, 29)  
}
```

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(12, 24, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 24, 29) }
```

Border

The CSS property to change the border of an element to YUV 20.9820, 3.9529, -7.8772 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(12, 24, 29) }
```


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

```
.border{ border-color:rgb(12, 24, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 24, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 24, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 24, 29);  
box-shadow:4px 4px 4px 4px rgb(12, 24, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 20.9820, 3.9529, -7.8772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 24, 29) }
```

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

```
.background{ background-color: rgb(12, 24,  
29) }
```

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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