

Converting Colors

YUV(19.2280, -2.5774, -13.3550)

Have a look what the booklet for
YUV(19.2280, -2.5774, -13.3550)
contains.

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Color

**YUV(19.2280, -2.5774,
-13.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	041C0E
RGB	4, 28, 14
RGB Percent	2%, 11%, 5%
CMY	0.9843, 0.8902, 0.9451
CMYK	0.86, 0.00, 0.50, 0.89
HSL	145°, 75%, 6%
HSV	145°, 86%, 11%
XYZ	0.5446, 0.8880, 0.5582
YIQ	19.2280, -9.8100, -9.4420

Conversions

Conversions Part 2

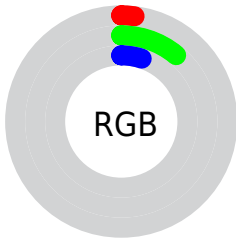
Format	Color
RYB	4, 21, 28
Decimal	269326
CIELab	8.02, -12.27, 5.85
CIELCh	8, 13.589, 154.517
Yxy	0.8880, 0.2736, 0.4461
Android (android.graphics.Color)	4278459406 (0xFF041C0E)
YUV	19.2280, -2.5774, -13.3550
Hunter-Lab	9.4235, -6.1755, 3.0846

Details

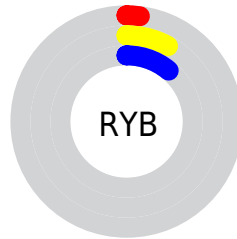
The YUV color **19.2280, -2.5774, -13.3550** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12.7720, 2.5774, 13.3550**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **62.8260, -2.8722, -12.1254**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.1030, -3.0088, -14.9993**, and if you desaturate by 10%, it is **20.3530, -2.1460, -11.7106**.

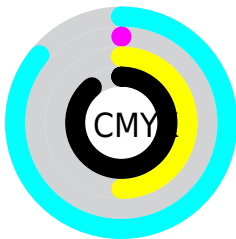
Distribution



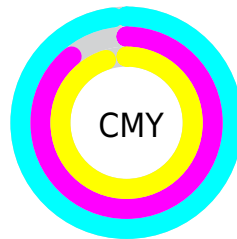
- Red (2%)
- Green (11%)
- Blue (5%)



- Red (2%)
- Yellow (8%)
- Blue (11%)



- Cyan (86%)
- Magenta (0%)
- Yellow (50%)
- Black (89%)



- Cyan (98%)
- Magenta (89%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.2280, -2.5774, -13.3550 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 19.2280, -2.5774, -13.3550 by changing the saturation by 10% instead.

■ 19.2280, -2.5774,
-13.3550

■ 19.2280, -2.5774,
-13.3550

■ 245.2880, -3.5930,
-14.2846

■ 0.0000, 0.0000,
0.0000

■ 62.8260, -2.8722,
-12.1254

■ 86.4130, -3.1616,
-12.6402

■ 111.0000, -3.4510,
-13.1550


■ 136.0000, -3.4510,
-13.1550


■ 162.2880, -3.5930,
-14.2846


■ 189.2880, -3.5930,


-14.2846


 216.8750, -3.8824,
-14.7994


 19.2280, -2.5774,
-13.3550


 19.2280, -2.5774,
-13.3550


 18.1030, -3.0088,
-14.9993


 20.3530, -2.1460,
-11.7106

 17.8040, -2.8614,
-15.6141

 21.3640, -2.1515,
-9.9662

 22.1900, -1.5727,
-8.9366

 23.3150, -1.1413,
-7.2923

 24.3260, -1.1467,
-5.5479

■ 25.4510, -0.7153,
-3.9035

■ 26.4620, -0.7208,
-2.1592

■ 27.2880, -0.1420,
-1.1296

■ 28.4130, 0.2894,
0.5148

Harmonies

Analogous

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



21.1710, -9.4513, -1.9040



19.2280, -2.5774, -13.3550



19.8730, 2.5276, -17.4286

Triad

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



19.2280, -2.5774, -13.3550



22.0510, 9.3419, -9.6917



23.1930, -6.0111, 14.7397

Complementary

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



19.2280, -2.5774, -13.3550



12.7720, 2.5774, 13.3550

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.



23.9740, -0.4802, 14.0548



19.2280, -2.5774, -13.3550



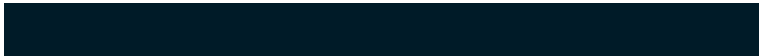
24.4330, 6.6885, 1.3743

Square

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



19.2280, -2.5774, -13.3550



20.4090, 9.6584, -17.8987



24.2770, 3.3144, 10.2811



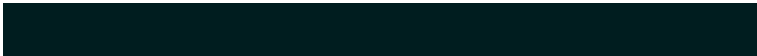
22.5040, -11.0945, 11.8360

Rectangle

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



19.2280, -2.5774, -13.3550



20.5570, 5.1484, -18.0285



24.2770, 3.3144, 10.2811



23.9480, -4.4114, 14.9546

Sweetspot

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



19.2280, -2.5774, -13.3550



32.3260, -1.1467, -5.5479



22.2740, -9.0091, -3.7483



15.8640, -0.4260, -3.3887



145.0000, 0.0000, 0.0000



18.0000, 0.0000, 0.0000

Same Dimension

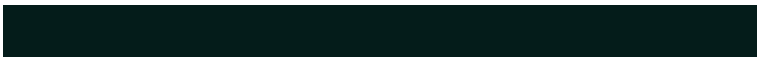
The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.2280, -2.5774, -13.3550



22.8420, -3.8661, -20.0324



20.5960, 2.6642, -14.5547



12.2880, -0.1420, -1.1296



48.8470, -8.3056, -42.8388



129.4380, -21.9079, -113.5171

Inverse Universe

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



12.7720, 2.5774, 13.3550



13.1580, 3.8661, 20.0324



11.4040, -2.6642, 14.5547



11.7120, 0.1420, 1.1296



28.1530, 8.3056, 42.8388



74.5620, 21.9079, 113.5171

Previews

White Background



This preview shows how the YUV color 19.2280, -2.5774, -13.3550 looks on a white background.

Color Contrast Check

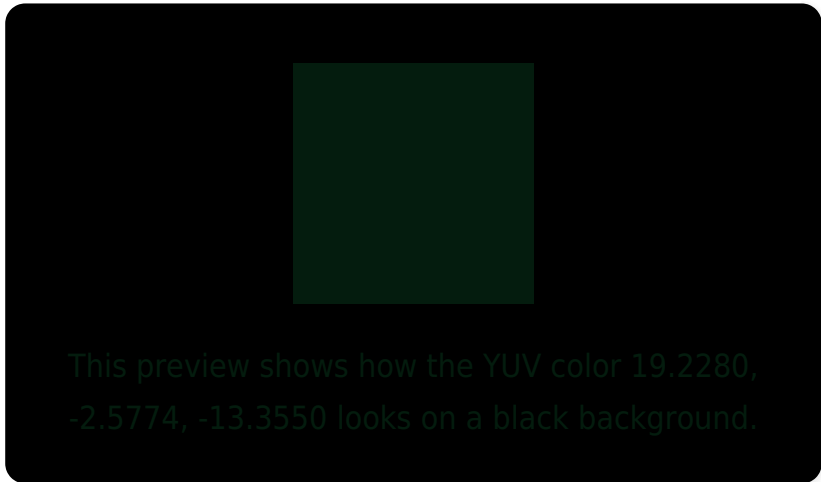
Large Text (above 18pt) WCAG AA ✓ Pass

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

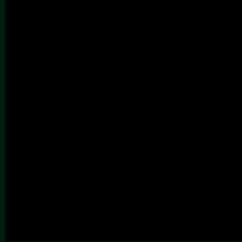
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 19.2280, -2.5774, -13.3550

Background



This preview shows how black text looks on a background with the YUV color 19.2280, -2.5774, -13.3550.



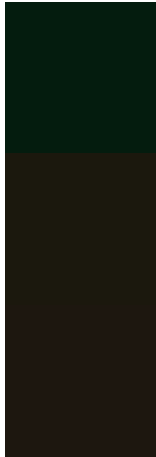
This preview shows how white text looks on a background with the YUV color 19.2280, -2.5774,

-13.3550.

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

19.2280, -2.5774, -13.3550

Protanopia

23.6430, -5.2470, 2.9441

Deuteranopia

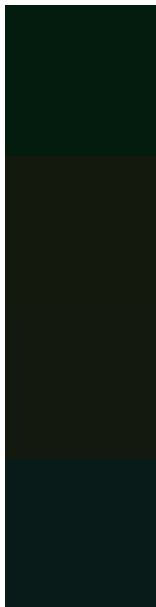
23.8820, -4.3788, 4.4885



Tritanopia

21.8570, 3.5215, -9.5216

Trichromacy



Original Color

19.2280, -2.5774, -13.3550

Protanomaly

21.8380, -4.3571, -2.4889

Deuteranomaly

22.3650, -3.6309, -2.0741

Tritanomaly

20.9770, 1.4903, -11.3808

Monochromacy



Original Color

19.2280, -2.5774, -13.3550

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

19.0380, -1.0047, -4.4183

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.2280, -2.5774, -13.3550 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(4, 28, 14)` looks like.

```
.text, #text, p{  
    color:rgb(4, 28, 14)  
}
```

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(4, 28, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 28, 14) }
```

Border

The CSS property to change the border of an element to YUV 19.2280, -2.5774, -13.3550 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(4, 28, 14) }
```


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

```
.border{ border-color:rgb(4, 28, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 28, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 28, 14); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 28, 14); box-shadow:4px  
4px 4px 4px rgb(4, 28, 14) }
```

Background

The CSS property to change the background color of an element to YUV 19.2280, -2.5774, -13.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 28, 14) }
```

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

```
.background{ background-color: rgb(4, 28,  
14) }
```

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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