

Converting Colors

YUV(19.3820, 0.7977, 24.2210)

Have a look what the booklet for
YUV(19.3820, 0.7977, 24.2210)
contains.

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Color

**YUV(19.3820, 0.7977,
24.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	2F0515
RGB	47, 5, 21
RGB Percent	18%, 2%, 8%
CMY	0.8157, 0.9804, 0.9176
CMYK	0.00, 0.89, 0.55, 0.82
HSL	337°, 81%, 10%
HSV	337°, 89%, 18%
XYZ	1.3619, 0.7670, 0.7857
YIQ	19.3820, 19.8960, 13.8800

Conversions

Conversions Part 2

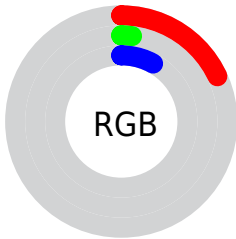
Format	Color
RYB	47, 5, 21
Decimal	3081493
CIELab	6.93, 22.61, 0.71
CIElCh	7, 22.625, 1.790
Yxy	0.7670, 0.4673, 0.2632
Android (android.graphics.Color)	4281271573 (0xFF2F0515)
YUV	19.3820, 0.7977, 24.2210
Hunter-Lab	8.7580, 12.4314, 0.8113

Details

The YUV color **19.3820, 0.7977, 24.2210** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **32.6180, -0.7977, -24.2210**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **65.2360, -1.1023, 26.9800**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.1050, 0.9342, 27.0949**, and if you desaturate by 10%, it is **22.6590, 0.6611, 21.3471**.

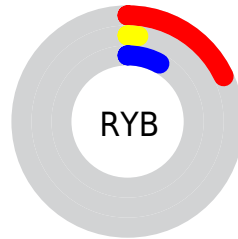
Distribution



Red (18%)

Green (2%)

Blue (8%)



Red (18%)

Yellow (2%)

Blue (8%)

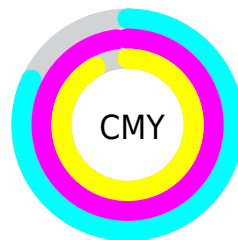


Cyan (0%)

Magenta (89%)

Yellow (55%)

Black (82%)



Cyan (82%)

Magenta (98%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.3820, 0.7977, 24.2210 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 19.3820, 0.7977, 24.2210 by changing the saturation by 10% instead.

■ 19.3820, 0.7977,
24.2210

■ 19.3820, 0.7977,
24.2210

■ 239.8860, 3.0142,
13.2550

■ 6.2790, -3.0955,
12.9103

■ 65.2360, -1.1023,
26.9800

■ 0.0000, 0.0000,
0.0000

■ 88.8340, -1.3972,
28.2096

■ 113.8450, -1.4026,
29.9539

■ 139.4430, -1.6974,
31.1835

■ 166.0410, -1.9922,
32.4130


■ 193.3400, -2.1396,

33.0278

 220.1440, -1.5500,
30.5687

 19.3820, 0.7977,
24.2210


 19.3820, 0.7977,
24.2210


 16.1050, 0.9342,
27.0949

 22.6590, 0.6611,
21.3471

 25.3490, 0.8139,
18.9879

 28.6260, 0.6774,
16.1140

 31.9030, 0.5408,
13.2401

 34.5930, 0.6937,
10.8809

■ 37.7560, 0.1203,
8.1070

■ 41.0330, -0.0163,
5.2331

■ 44.3100, -0.1528,
2.3591

■ 47.0000, 0.0000,
0.0000

Harmonies

Analogous

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



21.3470, 7.2239, 16.3587



19.3820, 0.7977, 24.2210



18.1620, -8.9539, 25.2909

Triad

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



19.3820, 0.7977, 24.2210



17.6540, -8.7034, -8.4666



21.2070, 12.7159, -18.5985

Complementary

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



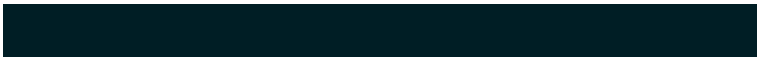
19.3820, 0.7977, 24.2210



32.6180, -0.7977, -24.2210

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.



21.8280, 7.4798, -19.1432



19.3820, 0.7977, 24.2210



17.0230, -8.3923, -14.9292

Square

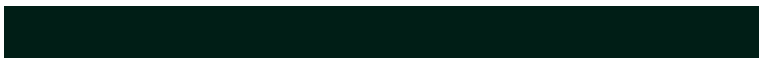
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



19.3820, 0.7977, 24.2210



20.4000, -10.0572, 5.7882



20.1180, 0.9278, -17.6435



19.3150, 15.6207, -16.9393

Rectangle

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



19.3820, 0.7977, 24.2210



19.6020, -9.6638, 19.6430



20.1180, 0.9278, -17.6435



21.5660, 11.5530, -18.9134

Sweetspot

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



19.3820, 0.7977, 24.2210



50.4680, 0.2623, 9.2366



17.5620, 14.5129, 11.7851



24.4460, 0.2731, 5.7479



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



19.3820, 0.7977, 24.2210



20.8610, 1.0545, 35.2019



20.4930, -7.6380, 23.2466



21.7120, 0.1420, 1.1296



29.7750, 1.5899, 50.1863



73.3340, 4.2723, 123.3641

Inverse Universe

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



19.3820, 0.7977, 24.2210



20.8610, 1.0545, 35.2019



31.5070, 7.6380, -23.2466



21.7120, 0.1420, 1.1296



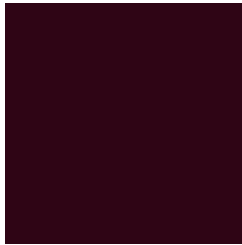
29.7750, 1.5899, 50.1863



73.3340, 4.2723, 123.3641

Previews

White Background



This preview shows how the YUV color 19.3820, 0.7977, 24.2210 looks on a white background.

Color Contrast Check

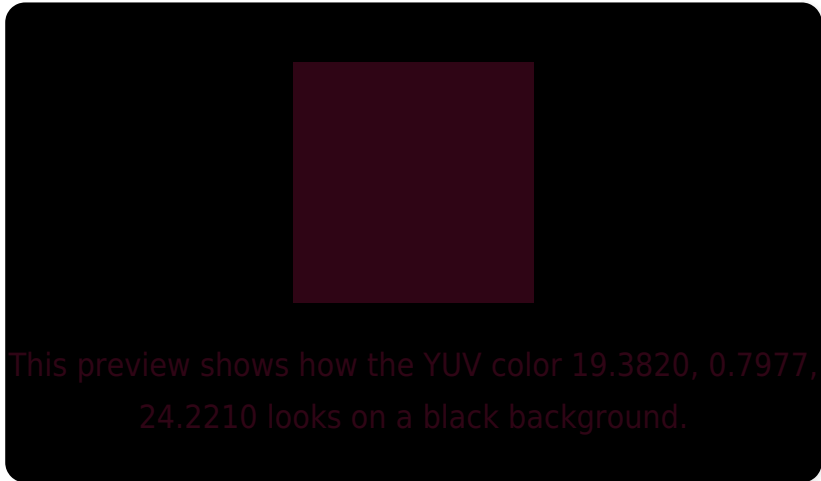
Large Text (above 18pt) WCAG AA ✓ Pass

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

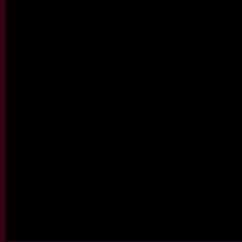
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 19.3820, 0.7977, 24.2210

Background



This preview shows how black text looks on a background with the YUV color 19.3820, 0.7977, 24.2210.

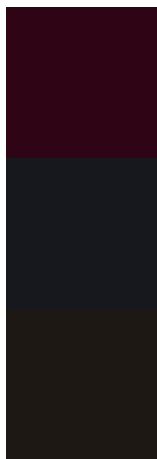


This preview shows how white text looks on a background with the YUV color 19.3820, 0.7977,

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

19.3820, 0.7977, 24.2210

Protanopia

24.3850, 2.7682, -1.2146

Deuteranopia

24.9250, -2.9210, 3.5738



Tritanopia

20.3620, -5.6015, 23.3615

Trichromacy



Original Color

19.3820, 0.7977, 24.2210

Protanomaly

22.6250, 2.1569, 8.2219

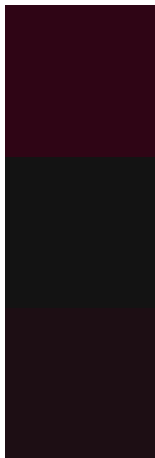
Deuteranomaly

23.0230, -1.4903, 11.3808

Tritanomaly

20.2310, -3.5649, 23.4764

Monochromacy



Original Color

19.3820, 0.7977, 24.2210

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

19.1690, 0.4097, 8.6218

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.3820, 0.7977, 24.2210 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(47, 5, 21)` looks like.

```
.text, #text, p{  
    color:rgb(47, 5, 21)  
}
```

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(47, 5, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 5, 21) }
```

Border

The CSS property to change the border of an element to YUV 19.3820, 0.7977, 24.2210 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(47, 5, 21) }
```


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

```
.border{ border-color:rgb(47, 5, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 5, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 5, 21); -webkit-box-shadow:4px  
4px 4px 4px rgb(47, 5, 21); box-shadow:4px  
4px 4px 4px rgb(47, 5, 21) }
```

Background

The CSS property to change the background color of an element to YUV 19.3820, 0.7977, 24.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 5, 21) }
```

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

```
.background{ background-color: rgb(47, 5,  
21) }
```

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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