

Converting Colors

YUV(25.2270, 5.8041, 5.0629)

Have a look what the booklet for
YUV(25.2270, 5.8041, 5.0629)
contains.

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Color

**YUV(25.2270, 5.8041,
5.0629)**

Conversions

Conversions Part 1

Format	Color
Hex	1F1425
RGB	31, 20, 37
RGB Percent	12%, 8%, 15%
CMY	0.8784, 0.9216, 0.8549
CMYK	0.16, 0.46, 0.00, 0.85
HSL	279°, 30%, 11%
HSV	279°, 46%, 15%
XYZ	1.1492, 0.9252, 1.8683
YIQ	25.2270, 1.0990, 7.6190

Conversions

Conversions Part 2

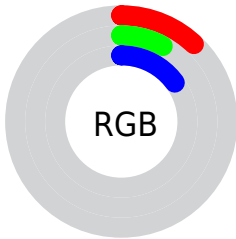
Format	Color
RYB	31, 20, 37
Decimal	2036773
CIELab	8.35, 9.79, -9.60
CIELCh	8, 13.713, 315.573
Yxy	0.9252, 0.2915, 0.2347
Android (android.graphics.Color)	4280226853 (0xFF1F1425)
YUV	25.2270, 5.8041, 5.0629
Hunter-Lab	9.6187, 4.4930, -4.7831

Details

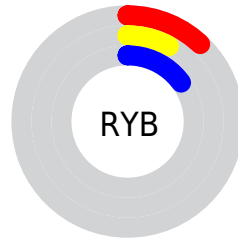
The YUV color **25.2270, 5.8041, 5.0629** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **31.7730, -5.8041, -5.0629**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.1670, 6.8197, 5.9925**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.5800, 7.1091, 6.5073**, and if you desaturate by 10%, it is **27.8740, 4.4991, 3.6185**.

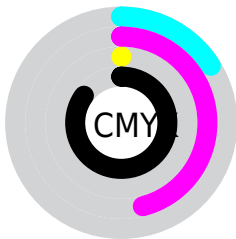
Distribution



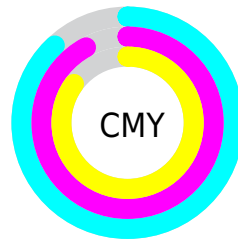
- Red (12%)
- Green (8%)
- Blue (15%)



- Red (12%)
- Yellow (8%)
- Blue (15%)



- Cyan (16%)
- Magenta (46%)
- Yellow (0%)
- Black (85%)



- Cyan (88%)
- Magenta (92%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.2270, 5.8041, 5.0629 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 25.2270, 5.8041, 5.0629 by changing the saturation by 10% instead.

■ 25.2270, 5.8041,
5.0629

■ 25.2270, 5.8041,
5.0629

■ 249.1300, 2.8939,
5.1480

■ 1.8240, 6.9888,
-1.5996

■ 68.1670, 6.8197,
5.9925

■ 0.0000, 0.0000,
0.0000

■ 92.1670, 6.8197,
5.9925

■ 116.5800, 7.1091,
6.5073

■ 141.9930, 7.3985,
7.0221

■ 168.4060, 7.6878,
7.5369

■ 196.1070, 7.8352,

6.9222

■ 223.8190, 7.9772,
8.0517

■ 25.2270, 5.8041,
5.0629

■ 25.2270, 5.8041,
5.0629

■ 22.5800, 7.1091,
6.5073

■ 27.8740, 4.4991,
3.6185

■ 20.2210, 8.2720,
6.8222

■ 30.2330, 3.3361,
3.3037

■ 17.5740, 9.5770,
8.2666

■ 32.8800, 2.0312,
1.8592

■ 14.9270, 10.8820,
9.7110

■ 35.5270, 0.7262,
0.4148

■ 11.9810, 12.3344,
10.5407

■ 38.4730, -0.7262,
-0.4148

■ 11.3940, 12.6238,
11.0555

■ 40.5330, -1.7418,
-1.3444

■ 43.1800, -3.0467,
-2.7889

■ 45.8270, -4.3517,
-4.2333

■ 48.1860, -5.5147,
-4.5481

Harmonies

Analogous

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



24.2580, 8.7468, -5.4883



25.2270, 5.8041, 5.0629



24.9460, 1.9986, 12.3254

Triad

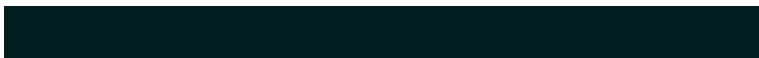
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.2270, 5.8041, 5.0629



23.3790, -11.5258, 10.1916



20.3290, 4.2748, -17.8285

Complementary

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



25.2270, 5.8041, 5.0629



31.7730, -5.8041, -5.0629

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.



19.1890, -0.0932, -16.8288



25.2270, 5.8041, 5.0629



22.7480, -11.2148, 3.7290

Square

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



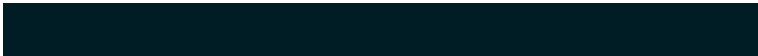
25.2270, 5.8041, 5.0629



23.9110, -8.3371, 14.1101



21.7190, -7.2565, -5.8926



20.6540, 8.0586, -18.1136

Rectangle

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



25.2270, 5.8041, 5.0629



24.8600, -0.9170, 14.1548



21.7190, -7.2565, -5.8926



19.9870, 2.9644, -17.5286

Sweetspot

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



25.2270, 5.8041, 5.0629



43.8800, 2.0312, 1.8592



25.4600, 5.6892, -4.7884



22.4670, 1.7418, 1.3444



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



25.2270, 5.8041, 5.0629



30.0470, 8.8508, 7.8518



26.7930, 4.0461, 8.9515



16.5270, 0.7262, 0.4148



25.1950, 28.0049, 24.3850



64.1910, 71.3908, 62.0995

Inverse Universe

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



25.7670, 0.1149, 9.8513



30.8000, 0.0986, 15.0844



30.2070, -4.0461, -8.9515



16.7120, 0.1420, 1.1296



27.8240, 0.5798, 47.5124



70.9270, 1.5150, 121.0900

Previews

White Background



This preview shows how the YUV color 25.2270, 5.8041, 5.0629 looks on a white background.

Color Contrast Check

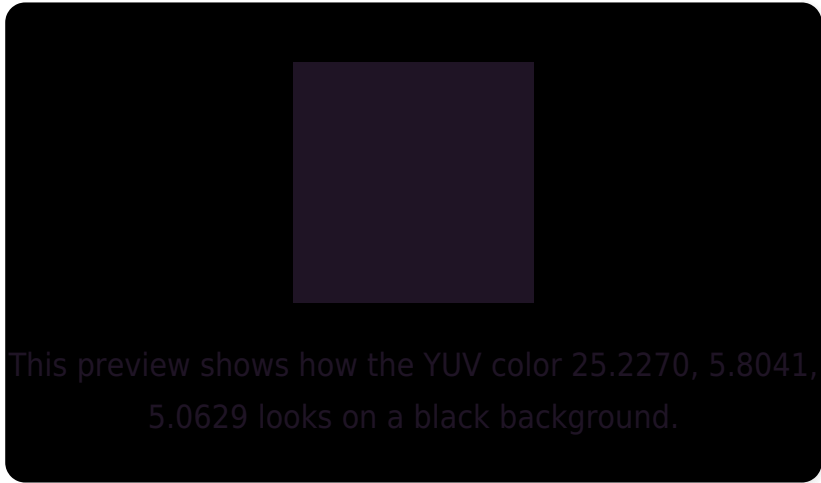
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2270, 5.8041, 5.0629

Background



This preview shows how black text looks on a background with the YUV color 25.2270, 5.8041, 5.0629.

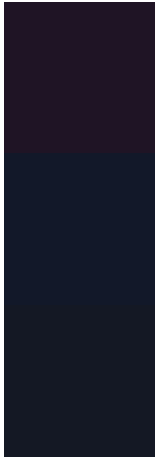


This preview shows how white text looks on a background with the YUV color 25.2270, 5.8041,

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

25.2270, 5.8041, 5.0629

Protanopia

24.1440, 8.3100, -5.3883

Deuteranopia

24.1720, 5.8312, -3.6588



Tritanopia

25.0220, -0.0108, 3.4887

Trichromacy



Original Color

25.2270, 5.8041, 5.0629

Protanomaly

24.9380, 7.4256, -1.6996

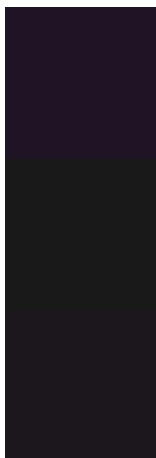
Deuteranomaly

24.7810, 5.5310, -0.6849

Tritanomaly

25.1900, 1.8783, 4.2184

Monochromacy



Original Color

25.2270, 5.8041, 5.0629

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

24.8800, 2.0312, 1.8592

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.2270, 5.8041, 5.0629 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(31, 20, 37)` looks like.

```
.text, #text, p{  
    color:rgb(31, 20, 37)  
}
```

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(31, 20, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 20, 37) }
```

Border

The CSS property to change the border of an element to YUV 25.2270, 5.8041, 5.0629 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(31, 20, 37) }
```


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

```
.border{ border-color:rgb(31, 20, 37) }
```

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

Here you see how a box with a 4 pixel rgb(31, 20, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 20, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 20, 37);  
box-shadow:4px 4px 4px 4px rgb(31, 20, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 25.2270, 5.8041, 5.0629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 20, 37) }
```

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

```
.background{ background-color: rgb(31, 20,  
37) }
```

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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