

Converting Colors

YUV(27.1820, 24.0673,
-19.4536)

Have a look what the booklet for
YUV(27.1820, 24.0673, -19.4536)
contains.

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Color

**YUV(27.1820, 24.0673,
-19.4536)**

Conversions

Conversions Part 1

Format	Color
Hex	051D4C
RGB	5, 29, 76
RGB Percent	2%, 11%, 30%
CMY	0.9804, 0.8863, 0.7020
CMYK	0.93, 0.62, 0.00, 0.70
HSL	220°, 88%, 16%
HSV	220°, 93%, 30%
XYZ	1.8065, 1.4328, 7.0188
YIQ	27.1820, -29.3910, 9.5290

Conversions

Conversions Part 2

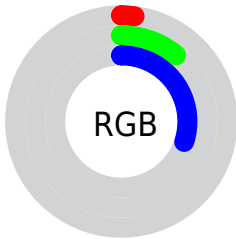
Format	Color
RYB	5, 23, 76
Decimal	335180
CIELab	12.17, 11.99, -31.62
CIELCh	12, 33.814, 290.774
Yxy	1.4328, 0.1761, 0.1397
Android (android.graphics.Color)	4278525260 (0xFF051D4C)
YUV	27.1820, 24.0673, -19.4536
Hunter-Lab	11.9700, 5.9911, -26.3869

Details

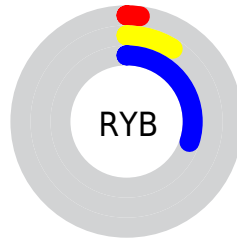
The YUV color **27.1820, 24.0673, -19.4536** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **53.8180, -24.0673, 19.4536**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.0520, 24.6244, -11.4466**, and **4.7080, 12.9620, -4.1289** is the 20% darker color. If you saturate the color by 10%, you get **23.9260, 25.6725, -20.9831**, and if you desaturate by 10%, it is **32.5090, 21.4411, -17.1094**.

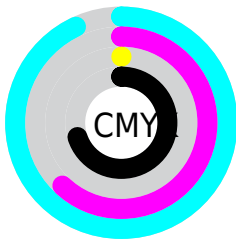
Distribution



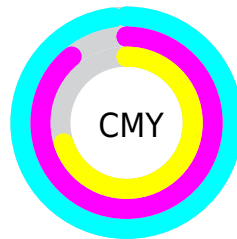
- Red (2%)
- Green (11%)
- Blue (30%)



- Red (2%)
- Yellow (9%)
- Blue (30%)



- Cyan (93%)
- Magenta (62%)
- Yellow (0%)
- Black (70%)



- Cyan (98%)
- Magenta (89%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.1820, 24.0673, -19.4536 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 27.1820, 24.0673, -19.4536 by changing the saturation by 10% instead.

■ 27.1820, 24.0673,
-19.4536

■ 27.1820, 24.0673,
-19.4536

■ 254.4020, 0.2948,
-1.2296

■ 7.8030, 22.2821,
-6.8432

■ 75.0520, 24.6244,
-11.4466

■ 4.7080, 12.9620,
-4.1289

■ 99.9920, 25.6399,
-10.5170

■ 0.2280, 0.8736,
-0.2000

■ 124.9320, 26.6555,
-9.5874

■ 0.0000, 0.0000,
0.0000

■ 151.0460, 27.0923,
-9.6873

■ 177.9860, 28.1079,
-8.7577

■ 204.7750, 24.7609,

-8.5727

■ 229.8820, 12.3832,
-5.1585

■ 27.1820, 24.0673,
-19.4536

■ 27.1820, 24.0673,
-19.4536

■ 23.9260, 25.6725,
-20.9831

■ 32.5090, 21.4411,
-17.1094

■ 37.5370, 18.9623,
-15.3799

■ 42.8640, 16.3360,
-13.0357

■ 47.8920, 13.8572,
-11.3063

■ 53.2190, 11.2310,
-8.9621

■ 58.5460, 8.6048,
-6.6178

■ 63.5740, 6.1260,
-4.8884

■ 68.9010, 3.4998,
-2.5442

■ 73.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



30.6110, 23.3628, -26.8458



27.1820, 24.0673, -19.4536



32.0080, 14.7861, 17.5330

Triad

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



27.1820, 24.0673, -19.4536



28.8160, -14.2063, 29.9794



27.3900, -1.6713, -24.0210

Complementary

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



27.1820, 24.0673, -19.4536



53.8180, -24.0673, 19.4536

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.



22.8930, -11.2862, -20.0772



27.1820, 24.0673, -19.4536



30.4890, -15.0311, 14.4801

Square

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



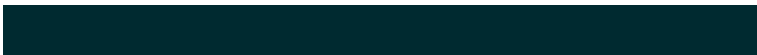
27.1820, 24.0673, -19.4536



24.2270, -4.0559, 41.0199



28.3190, -13.9613, -2.0338



30.1260, 8.8119, -26.4205

Rectangle

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



27.1820, 24.0673, -19.4536



27.8420, 9.9379, 32.5876



28.3190, -13.9613, -2.0338



25.7770, -5.3131, -22.6064

Sweetspot

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



27.1820, 24.0673, -19.4536



80.3610, 9.1890, -7.3326



51.9210, -0.4541, -41.1497



39.4600, 5.6892, -4.7884



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



27.1820, 24.0673, -19.4536



31.2440, 33.4037, -27.4010



16.3830, 29.3912, -0.3359



35.6300, 1.1684, -1.4295



31.5860, 34.7141, -27.7009



72.0060, 77.8910, -63.1493

Inverse Universe

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



28.9650, 0.0173, 41.2497



33.4770, 0.2578, 57.4637



64.6170, -29.3912, 0.3359



35.4240, 0.2840, 2.2592



34.3740, -0.1844, 59.3080



77.6620, 0.1666, 133.6004

Previews

White Background



This preview shows how the YUV color 27.1820, 24.0673, -19.4536 looks on a white background.

Color Contrast Check

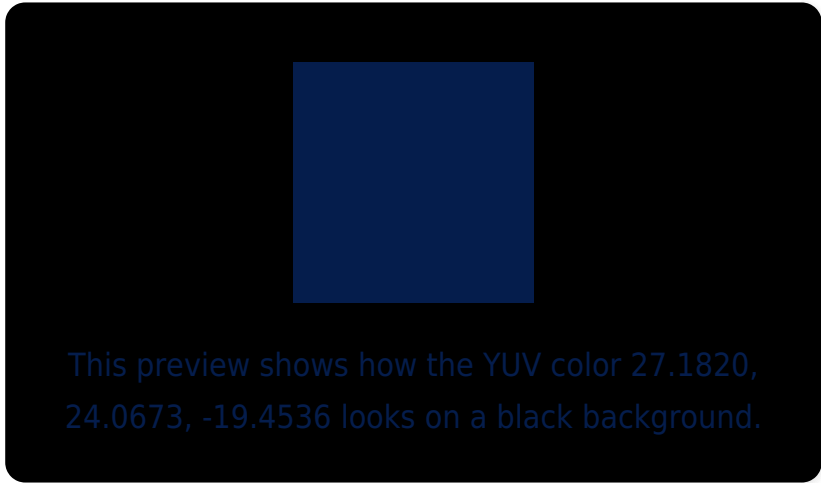
Large Text (above 18pt) WCAG AA ✓ Pass

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

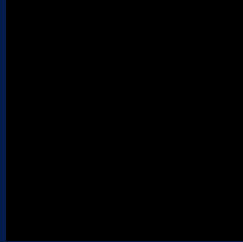
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.1820, 24.0673, -19.4536

Background



This preview shows how black text looks on a background with the YUV color 27.1820, 24.0673, -19.4536.



This preview shows how white text looks on a background with the YUV color 27.1820, 24.0673,

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

27.1820, 24.0673, -19.4536

Protanopia

26.4220, 20.0050, -23.1721

Tritanopia

25.5780, 6.6170, -22.4319

Trichromacy



Original Color

27.1820, 24.0673, -19.4536

Protanomaly

26.7750, 21.3099, -21.7277

Tritanomaly

25.8970, 12.8688, -20.9577

Monochromacy



Original Color

27.1820, 24.0673, -19.4536

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

27.2470, 8.7522, -7.2326

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.1820, 24.0673, -19.4536 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(5, 29, 76)` looks like.

```
.text, #text, p{  
    color:rgb(5, 29, 76)  
}
```

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(5, 29, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 29, 76) }
```

Border

The CSS property to change the border of an element to YUV 27.1820, 24.0673, -19.4536 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(5, 29, 76) }
```

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

```
.border{ border-color:rgb(5, 29, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 29, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 29, 76); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 29, 76); box-shadow:4px  
4px 4px 4px rgb(5, 29, 76) }
```


Background

The CSS property to change the background color of an element to YUV 27.1820, 24.0673, -19.4536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 29, 76) }
```

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

```
.background{ background-color: rgb(5, 29,  
76) }
```

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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