

Converting Colors

YIQ(26.0420, 0.1820, 7.7180)

Have a look what the booklet for
YIQ(26.0420, 0.1820, 7.7180)
contains.

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Color

YIQ(26.0420, 0.1820, 7.7180)

Conversions

Conversions Part 1

Format	Color
Hex	1F1527
RGB	31, 21, 39
RGB Percent	12%, 8%, 15%
CMY	0.8784, 0.9177, 0.8471
CMYK	0.20, 0.46, 0.00, 0.85
HSL	273°, 30%, 12%
HSV	273°, 46%, 15%
XYZ	1.1996, 0.9741, 2.0440
YIQ	26.0420, 0.1820, 7.7180

Conversions

Conversions Part 2

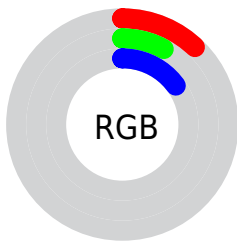
Format	Color
RYB	31, 21, 39
Decimal	2037031
CIELab	8.77, 9.63, -10.44
CIELCh	9, 14.203, 312.687
Yxy	0.9741, 0.2844, 0.2310
Android (android.graphics.Color)	4280227111 (0xFF1F1527)
YUV	26.0420, 6.3883, 4.3482
Hunter-Lab	9.8696, 4.4238, -5.3701

Details

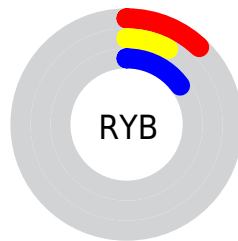
The YIQ color **26.0420, 0.1820, 7.7180** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **33.9580, -0.1820, -7.7180**, and the grayscale version is **26.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **68.9820, 0.4110, 9.0750**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.0960, 0.0900, 9.3860**, and if you desaturate by 10%, it is **28.9880, 0.2740, 6.0500**.

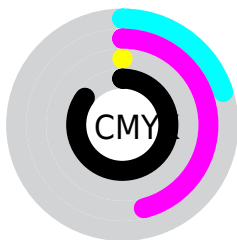
Distribution



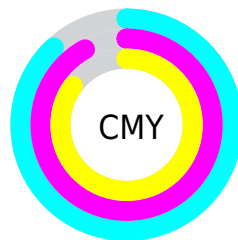
- Red (12%)
- Green (8%)
- Blue (15%)



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



- Cyan (20%)
- Magenta (46%)
- Yellow (0%)
- Black (85%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 26.0420, 0.1820, 7.7180 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 YIQ color 26.0420, 0.1820, 7.7180 by changing the saturation by 10% instead.

■ 26.0420, 0.1820,
7.7180

■ 26.0420, 0.1820,
7.7180

■ 249.7170, 2.4750,
4.7070

■ 2.6500, -4.5860,
6.0220

■ 68.9820, 0.4110,
9.0750

■ 0.0000, 0.0000,
0.0000

■ 92.9820, 0.4110,
9.0750

■ 117.5090, 0.3650,
9.9090

■ 143.5090, 0.3650,
9.9090

■ 169.9220, 0.6400,
10.4320

■ 196.9220, 0.6400,

10.4320

■ 225.3350, 0.9150,
10.9550

■ 26.0420, 0.1820,
7.7180

■ 26.0420, 0.1820,
7.7180

■ 23.0960, 0.0900,
9.3860

■ 28.9880, 0.2740,
6.0500

■ 20.4490, 0.5940,
11.2660

■ 31.6350, -0.2300,
4.1700

■ 17.5030, 0.5020,
12.9340

■ 34.5810, -0.1380,
2.5020

■ 14.5570, 0.4100,
14.6020

■ 37.5270, -0.0460,
0.8340

■ 11.6110, 0.3180,
16.2700

■ 39.8860, 0.3210,
-0.3110

■ 11.0240, 0.5930,
16.7930

■ 42.5330, -0.1830,
-2.1910

■ 45.4790, -0.0910,
-3.8590

■ 48.4250, 0.0010,
-5.5270

■ 51.3710, 0.0930,
-7.1950

Harmonies

Analogous

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



24.6600, -10.5460, 3.9020



26.0420, 0.1820, 7.7180



26.0600, 8.9390, 8.7070

Triad

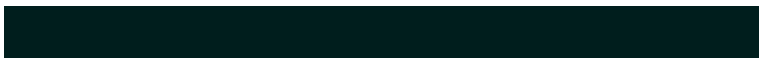
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.0420, 0.1820, 7.7180



23.9770, 16.0020, -3.6620



20.9160, -17.5590, -6.6710

Complementary

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



26.0420, 0.1820, 7.7180



33.9580, -0.1820, -7.7180

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.



20.0750, -13.7530, -9.5690



26.0420, 0.1820, 7.7180



23.9330, 10.1340, -7.4500

Square

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



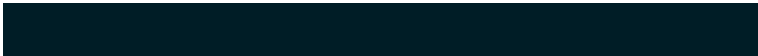
26.0420, 0.1820, 7.7180



24.7370, 16.9180, 1.7660



22.2030, 0.5060, -9.1740



21.3550, -20.1730, -3.3490

Rectangle

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



26.0420, 0.1820, 7.7180



25.3870, 12.3320, 7.7880



22.2030, 0.5060, -9.1740



20.5740, -16.5960, -7.6040

Sweetspot

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



26.0420, 0.1820, 7.7180



45.9940, 0.1370, 3.0250



27.7480, -7.9780, 1.4140



22.4670, 0.1830, 2.1910



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.



26.0420, 0.1820, 7.7180



30.9760, 0.5480, 12.1000



28.3200, 5.2710, 9.1030



18.5270, -0.0460, 0.8340



23.6290, 1.0480, 36.0880



59.4500, 2.2760, 90.9480

Inverse Universe

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



27.2940, 8.1600, 6.3040



32.7400, 12.8360, 9.6680



31.6800, -5.2710, -9.1030



18.7120, 0.8710, 0.7350



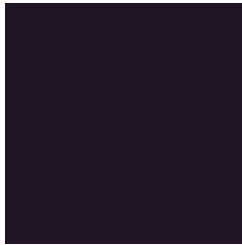
29.3340, 38.1870, 29.3150



74.1040, 96.1780, 74.1780

Previews

White Background



This preview shows how the YIQ color 26.0420, 0.1820, 7.7180 looks on a white background.

Color Contrast Check

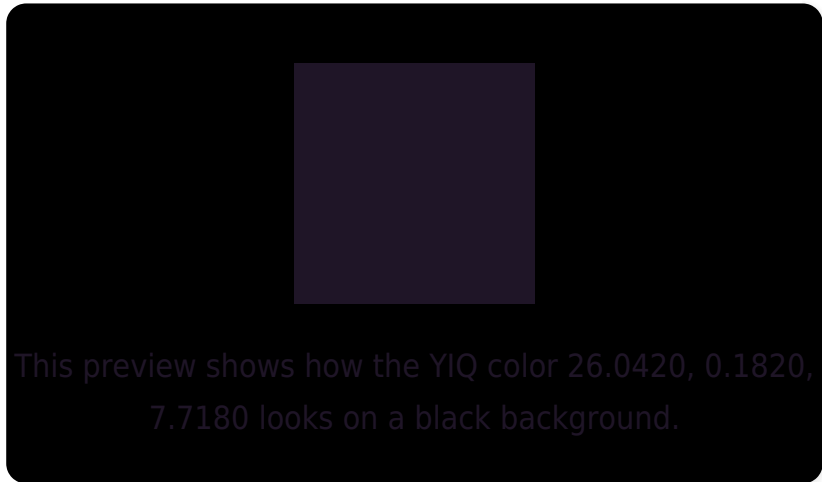
Large Text (above 18pt) WCAG AA ✓ Pass

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

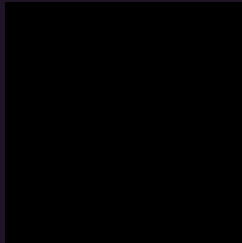
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 26.0420, 0.1820, 7.7180

Background



This preview shows how black text looks on a background with the YIQ color 26.0420, 0.1820, 7.7180.

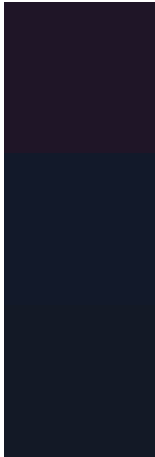


This preview shows how white text looks on a background with the YIQ color 26.0420, 0.1820, 7.7180.

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

26.0420, 0.1820, 7.7180

Protanopia

24.8450, -9.6290, 3.8030

Deuteranopia

24.6880, -7.7490, 2.7710



Tritanopia

25.7230, 2.3380, 1.6820

Trichromacy



Original Color

26.0420, 0.1820, 7.7180

Protanomaly

25.6390, -6.0530, 5.0750

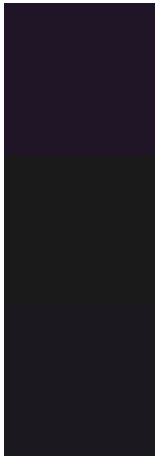
Deuteranomaly

25.2970, -5.0900, 4.1420

Tritanomaly

26.0050, 1.6040, 3.9720

Monochromacy



Original Color

26.0420, 0.1820, 7.7180

Achromatopsia

26.0000, -0.0000, -0.0000

Achromatomaly

25.9940, 0.1370, 3.0250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 26.0420, 0.1820, 7.7180 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, 21, 39)` looks like.

```
.text, #text, p{  
    color:rgb(31, 21, 39)  
}
```

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, 21, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 21, 39) }
```

Border

The CSS property to change the border of an element to YIQ 26.0420, 0.1820, 7.7180 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, 21, 39) }
```

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

```
.border{ border-color:rgb(31, 21, 39) }
```

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

Here you see how a box with a 4 pixel rgb(31, 21, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 21, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 21, 39);  
box-shadow:4px 4px 4px 4px rgb(31, 21, 39)  
}
```


Background

The CSS property to change the background color of an element to YIQ 26.0420, 0.1820, 7.7180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 21, 39) }
```

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

```
.background{ background-color: rgb(31, 21,  
39) }
```

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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