

Converting Colors

YIQ(19.8180, -14.1670, -2.0630)

Have a look what the booklet for
YIQ(19.8180, -14.1670, -2.0630)
contains.

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Color

**YIQ(19.8180, -14.1670,
-2.0630)**

Conversions

Conversions Part 1

Format	Color
Hex	051920
RGB	5, 25, 32
RGB Percent	2%, 10%, 13%
CMY	0.9804, 0.9019, 0.8746
CMYK	0.84, 0.22, 0.00, 0.87
HSL	196°, 73%, 7%
HSV	196°, 84%, 13%
XYZ	0.6708, 0.8320, 1.4906
YIQ	19.8180, -14.1670, -2.0630

Conversions

Conversions Part 2

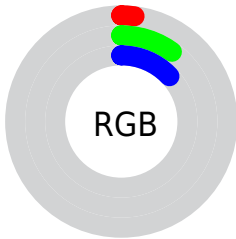
Format	Color
R _Y B	5, 16, 32
Decimal	334112
CIE Lab	7.52, -4.92, -7.30
CIE LCh	8, 8.802, 236.036
Yxy	0.8320, 0.2241, 0.2780
Android (android.graphics.Color)	4278524192 (0xFF051920)
YUV	19.8180, 6.0057, -12.9954
Hunter-Lab	9.1215, -2.8364, -3.3041

Details

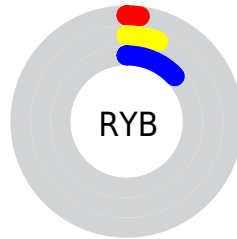
The YIQ color **19.8180, -14.1670, -2.0630** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **17.1820, 14.1670, 2.0630**, and the grayscale version is **20.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **63.2310, -13.8920, -1.5400**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.3340, -15.6800, -2.1760**, and if you desaturate by 10%, it is **21.3020, -12.6540, -1.9500**.

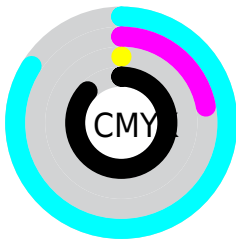
Distribution



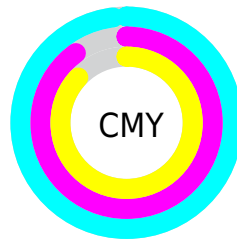
- Red (2%)
- Green (10%)
- Blue (13%)



- Red (2%)
- Yellow (6%)
- Blue (13%)



- Cyan (84%)
- Magenta (22%)
- Yellow (0%)
- Black (87%)



- Cyan (98%)
- Magenta (90%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 19.8180, -14.1670, -2.0630 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 19.8180, -14.1670, -2.0630 by changing the saturation by 10% instead.

■ 19.8180, -14.1670,
-2.0630

■ 19.8180, -14.1670,
-2.0630

■ 245.1770,
-13.8000, -3.2080

■ 0.7980, -2.2470,
2.1770

■ 63.2310, -13.8920,
-1.5400

■ 0.0000, 0.0000,
0.0000

■ 86.3450, -14.2130,
-1.2290

■ 111.3450,
-14.2130, -1.2290

■ 136.4590,
-14.5340, -0.9180

■ 163.0460,
-14.8090, -1.4410

■ 189.8610,

-15.7260, -1.3420

■ 217.8610,
-15.7260, -1.3420

■ 19.8180, -14.1670,
-2.0630

■ 19.8180, -14.1670,
-2.0630

■ 18.3340, -15.6800,
-2.1760

■ 21.3020, -12.6540,
-1.9500

■ 17.7360, -16.8720,
-2.6000

■ 22.7860, -11.1410,
-1.8370

■ 23.9820, -8.7570,
-0.9890

■ 25.4660, -7.2440,
-0.8760

■ 26.9500, -5.7310,
-0.7630

■ 28.4340, -4.2180,
-0.6500

■ 29.9180, -2.7050,
-0.5370

■ 31.7010, -0.5960,
-0.2120

■ 32.5980, 1.1920,
0.4240

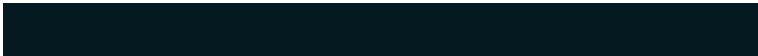
Harmonies

Analogous

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



18.9380, -14.6250, -4.7770



19.8180, -14.1670, -2.0630



21.5630, -8.8950, 1.5130

Triad

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



19.8180, -14.1670, -2.0630



23.1690, 7.0140, 5.0460



21.5780, 3.9440, -5.4000

Complementary

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



19.8180, -14.1670, -2.0630



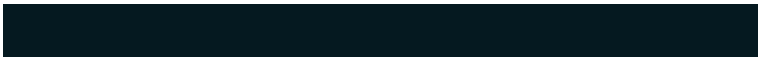
17.1820, 14.1670, 2.0630

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.



21.9700, 8.7120, -3.7040



19.8180, -14.1670, -2.0630



22.6700, 9.8570, 3.0810

Square

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



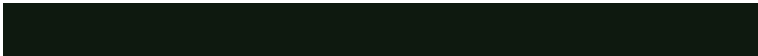
19.8180, -14.1670, -2.0630



23.1300, 2.7500, 5.2300



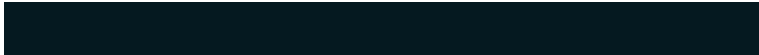
22.4480, 10.3620, -0.5660



20.5710, -3.3460, -5.4420

Rectangle

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



19.8180, -14.1670, -2.0630



22.7700, -5.0440, 3.3080



22.4480, 10.3620, -0.5660



21.4750, 5.7320, -4.7640

Sweetspot

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



19.8180, -14.1670, -2.0630



36.2490, -5.1350, -0.5510



21.6470, -9.6720, -11.9440



17.6190, -3.3010, -0.7490



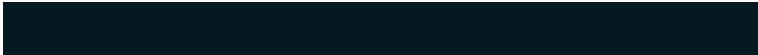
148.0000, -0.0000, 0.0000



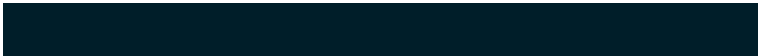
20.0000, 0.0000, -0.0000

Same Dimension

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



19.8180, -14.1670, -2.0630



22.2840, -21.4110, -2.9390



12.1870, -10.5920, 4.7360



14.7010, -0.5960, -0.2120



43.6390, -41.5840, -6.2880



113.4090, -108.5220, -15.6420

Inverse Universe

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



15.3530, 9.6720, 11.9440



15.6790, 14.8060, 18.0220



24.8130, 10.5920, -4.7360



14.4130, 0.2750, 0.5230



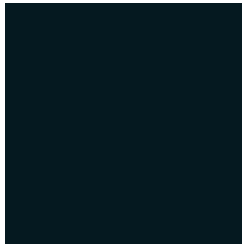
30.3470, 28.1450, 35.0970



79.3350, 74.2590, 91.4670

Previews

White Background



This preview shows how the YIQ color 19.8180, -14.1670, -2.0630 looks on a white background.

Color Contrast Check

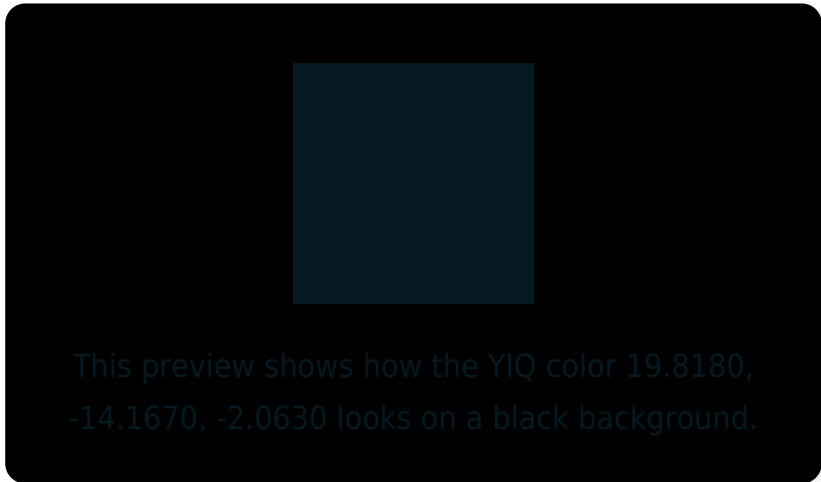
Large Text (above 18pt) WCAG AA ✓ Pass

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

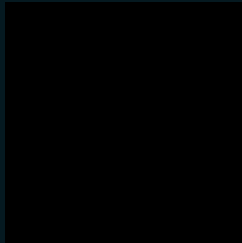
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

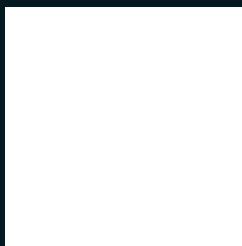
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 19.8180, -14.1670, -2.0630

Background



This preview shows how black text looks on a background with the YIQ color 19.8180, -14.1670, -2.0630.



This preview shows how white text looks on a background with the YIQ color 19.8180, -14.1670, -2.0630.

-2.0630.

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

19.8180, -14.1670, -2.0630

Protanopia

23.2000, -3.4390, 1.7530

Deuteranopia

23.1290, -4.6770, 2.1630

Trichromacy



Original Color

19.8180, -14.1670, -2.0630

Protanomaly

22.1070, -7.6110, 0.2690

Deuteranomaly

22.2210, -7.9320, 0.5800

Monochromacy



Original Color

19.8180, -14.1670, -2.0630

Achromatopsia

20.0000, 0.0000, -0.0000

Achromatomaly

20.1350, -4.8140, -0.8620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 19.8180, -14.1670, -2.0630 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, 25, 32)` looks like.

```
.text, #text, p{  
    color:rgb(5, 25, 32)  
}
```

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, 25, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 25, 32) }
```

Border

The CSS property to change the border of an element to YIQ 19.8180, -14.1670, -2.0630 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, 25, 32) }
```

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

```
.border{ border-color:rgb(5, 25, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 25, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 25, 32); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 25, 32); box-shadow:4px  
4px 4px 4px rgb(5, 25, 32) }
```


Background

The CSS property to change the background color of an element to YIQ 19.8180, -14.1670, -2.0630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 25, 32) }
```

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

```
.background{ background-color: rgb(5, 25,  
32) }
```

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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