

Converting Colors

YIQ(17.5880, -19.2110, 1.2450)

Have a look what the booklet for
YIQ(17.5880, -19.2110, 1.2450)
contains.

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Color

**YIQ(17.5880, -19.2110,
1.2450)**

Conversions

Conversions Part 1

Format	Color
Hex	001629
RGB	0, 22, 41
RGB Percent	0%, 9%, 16%
CMY	1.0000, 0.9137, 0.8393
CMYK	1.00, 0.46, 0.00, 0.84
HSL	208°, 100%, 8%
HSV	208°, 100%, 16%
XYZ	0.6869, 0.7341, 2.2012
YIQ	17.5880, -19.2110, 1.2450

Conversions

Conversions Part 2

Format	Color
RYB	0, 14, 41
Decimal	5673
CIELab	6.63, -0.44, -15.46
CIELCh	7, 15.470, 268.357
Yxy	0.7341, 0.1896, 0.2027
Android (android.graphics.Color)	4278195753 (0xFF001629)
YUV	17.5880, 11.5421, -15.4247
Hunter-Lab	8.5680, -0.6832, -9.2345

Details

The YIQ color **17.5880, -19.2110, 1.2450** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **23.4120, 19.2110, -1.2450**, and the grayscale version is **17.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **61.1260, -17.7900, 3.0260**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **17.5880, -19.2110, 1.2450**, and if you desaturate by 10%, it is **19.9580, -17.3770, 1.0470**.

Distribution



- Red (0%)
- Green (9%)
- Blue (16%)



- Red (0%)
- Yellow (5%)
- Blue (16%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (84%)



- Cyan (100%)
- Magenta (91%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 17.5880, -19.2110, 1.2450 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 17.5880, -19.2110, 1.2450 by changing the saturation by 10% instead.

■ 17.5880, -19.2110,
1.2450

■ 17.5880, -19.2110,
1.2450

■ 242.2310,
-13.8920, -1.5400

■ 2.8670, -6.6950,
5.6970

■ 61.1260, -17.7900,
3.0260

■ 0.0000, 0.0000,
0.0000

■ 85.2400, -18.1110,
3.3370

■ 109.3540,
-18.4320, 3.6480

■ 134.7670,
-18.1570, 4.1710

■ 160.9950,
-18.7990, 4.7930

■ 188.5820,

-19.0740, 4.2700

■ 215.8100,
-19.7160, 4.8920

■ 17.5880, -19.2110,
1.2450

■ 19.9580, -17.3770,
1.0470

■ 22.3280, -15.5430,
0.8490

■ 24.6980, -13.7090,
0.6510

■ 27.0680, -11.8750,
0.4530

■ 28.8510, -9.7660,
0.7780

■ 31.5200, -7.3360,
0.7920

■ 33.8900, -5.5020,
0.5940

■ 36.2600, -3.6680,
0.3960

■ 38.6300, -1.8340,
0.1980

Harmonies

Analogous

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



19.0070, -19.0730, -1.2570



17.5880, -19.2110, 1.2450



21.2910, -4.9530, 7.1670

Triad

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



17.5880, -19.2110, 1.2450



19.8020, 18.2930, 4.3810



15.7180, -8.4340, -12.3540

Complementary

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



17.5880, -19.2110, 1.2450



23.4120, 19.2110, -1.2450

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.



18.5840, 3.8070, -8.4250



17.5880, -19.2110, 1.2450



20.1560, 17.0560, -0.7360

Square

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



17.5880, -19.2110, 1.2450



20.6260, 13.1570, 9.3570



20.1120, 11.1880, -4.5240



18.1290, -13.8450, -7.9010

Rectangle

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



17.5880, -19.2110, 1.2450



21.3520, 2.2450, 8.8770



20.1120, 11.1880, -4.5240



16.4690, -3.2990, -11.8030

Sweetspot

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



17.5880, -19.2110, 1.2450



44.2210, -7.9320, 0.5800



26.1190, -17.0530, -15.8450



22.0750, -4.5850, 0.4950



156.0000, -0.0000, -0.0000



28.0000, -0.0000, 0.0000

Same Dimension

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



17.5880, -19.2110, 1.2450



23.1790, -25.3090, 1.6270



5.8480, -13.7110, 11.7050



18.8150, -0.9170, 0.0990



35.9910, -39.3390, 2.5890



91.0860, -99.4020, 6.3100

Inverse Universe

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



14.7670, 17.3740, 15.5340



19.4520, 22.8750, 20.4670



35.1520, 13.7110, -11.7050



18.7120, 0.8710, 0.7350



30.2460, 35.6190, 31.8030



76.3840, 89.7580, 80.3980

Previews

White Background



This preview shows how the YIQ color 17.5880, -19.2110, 1.2450 looks on a white background.

Color Contrast Check

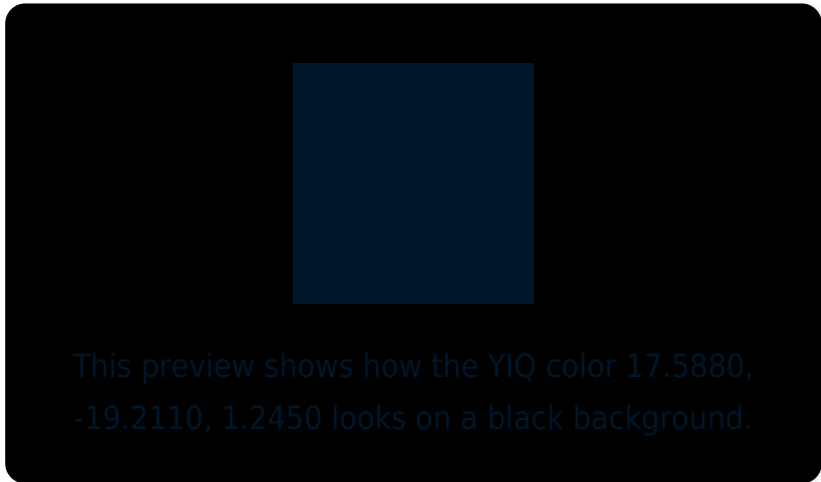
Large Text (above 18pt) WCAG AA ✓ Pass

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

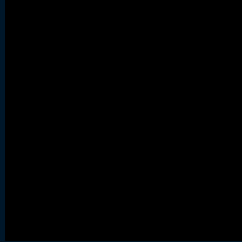
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 17.5880, -19.2110, 1.2450

Background



This preview shows how black text looks on a background with the YIQ color 17.5880, -19.2110, 1.2450.



This preview shows how white text looks on a background with the YIQ color 17.5880, -19.2110,

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

17.5880, -19.2110, 1.2450

Protanopia

20.4750, -11.4630, 4.0010

Deuteranopia

17.3600, -18.5690, 0.6230



Tritanopia

17.0520, -14.9460, -4.4660

Trichromacy



Original Color

17.5880, -19.2110, 1.2450

Protanomaly

19.2790, -13.8470, 3.1530

Deuteranomaly

17.4740, -18.8900, 0.9340

Tritanomaly

17.0350, -16.2760, -2.3880

Monochromacy



Original Color

17.5880, -19.2110, 1.2450

Achromatopsia

18.0000, -0.0000, 0.0000

Achromatomaly

17.4060, -7.0150, 0.4810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 17.5880, -19.2110, 1.2450 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(0, 22, 41)` looks like.

```
.text, #text, p{  
    color:rgb(0, 22, 41)  
}
```

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(0, 22, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 22, 41) }
```

Border

The CSS property to change the border of an element to YIQ 17.5880, -19.2110, 1.2450 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(0, 22, 41) }
```


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

```
.border{ border-color:rgb(0, 22, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 22, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 22, 41); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 22, 41); box-shadow:4px  
4px 4px 4px rgb(0, 22, 41) }
```

Background

The CSS property to change the background color of an element to YIQ 17.5880, -19.2110, 1.2450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 22, 41) }
```

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

```
.background{ background-color: rgb(0, 22,  
41) }
```

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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