

Converting Colors

YIQ(19.8330, 17.0080, 11.1520)

Have a look what the booklet for
YIQ(19.8330, 17.0080, 11.1520)
contains.

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Color

**YIQ(19.8330, 17.0080,
11.1520)**

Conversions

Conversions Part 1

Format	Color
Hex	2B0814
RGB	43, 8, 20
RGB Percent	17%, 3%, 8%
CMY	0.8313, 0.9687, 0.9215
CMYK	0.00, 0.81, 0.53, 0.83
HSL	339°, 69%, 10%
HSV	339°, 81%, 17%
XYZ	1.2103, 0.7380, 0.7412
YIQ	19.8330, 17.0080, 11.1520

Conversions

Conversions Part 2

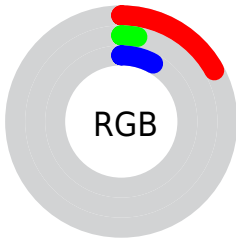
Format	Color
RYB	43, 8, 20
Decimal	2820116
CIELab	6.67, 19.06, 0.89
CIELCh	7, 19.080, 2.681
Yxy	0.7380, 0.4500, 0.2744
Android (android.graphics.Color)	4281010196 (0xFF2B0814)
YUV	19.8330, 0.0823, 20.3175
Hunter-Lab	8.5907, 10.1144, 0.8982

Details

The YIQ color **19.8330, 17.0080, 11.1520** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **31.1670, -17.0080, -11.1520**, and the grayscale version is **20.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **64.5020, 19.4380, 11.1660**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **17.1430, 19.0710, 12.3110**, and if you desaturate by 10%, it is **22.5230, 14.9450, 9.9930**.

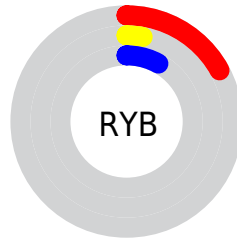
Distribution



 Red (17%)

 Green (3%)

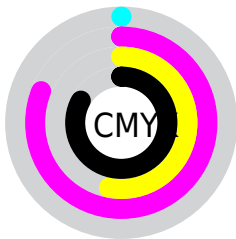
 Blue (8%)



 Red (17%)

 Yellow (3%)

 Blue (8%)

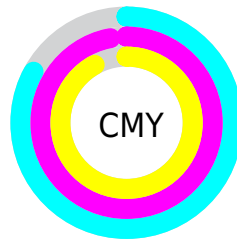



 Cyan (0%)

 Magenta (81%)

 Yellow (53%)

 Black (83%)



 Cyan (83%)

 Magenta (97%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 19.8330, 17.0080, 11.1520 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 19.8330, 17.0080, 11.1520 by changing the saturation by 10% instead.

■ 19.8330, 17.0080,
11.1520

■ 19.8330, 17.0080,
11.1520

■ 240.8320, 9.5810,
8.0850

■ 3.5880, 7.1520,
2.5440

■ 64.8010, 20.0340,
11.3780

■ 0.0000, 0.0000,
0.0000

■ 88.3990, 21.2260,
11.8020


■ 113.1110, 22.0970,
12.5370


■ 138.7090, 23.2890,
12.9610


■ 165.0080, 23.8850,
13.1730


■ 192.6060, 25.0770,


13.5970


 220.3180, 25.9480,
14.3320


 19.8330, 17.0080,
11.1520


 19.8330, 17.0080,
11.1520

 17.1430, 19.0710,
12.3110


 22.5230, 14.9450,
9.9930

 14.5670, 20.8130,
13.7810

 25.8000, 12.6070,
8.3110

 28.3760, 10.8650,
6.8410

 31.0660, 8.8020,
5.6820

 33.7560, 6.7390,
4.5230

■ 37.0330, 4.4010,
2.8410

■ 39.7230, 2.3380,
1.6820

■ 42.4130, 0.2750,
0.5230

■ 45.5760, -1.7420,
-1.4700

Harmonies

Analogous

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



21.2820, 8.4340, 12.3540



19.8330, 17.0080, 11.1520



18.7270, 22.8780, 3.8860

Triad

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



19.8330, 17.0080, 11.1520



17.9640, -0.3190, -10.7430



20.1640, -20.9530, -0.2250

Complementary

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



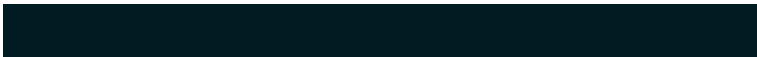
19.8330, 17.0080, 11.1520



31.1670, -17.0080, -11.1520

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.



20.3120, -18.6140, -4.0700



19.8330, 17.0080, 11.1520



16.0770, -8.0670, -13.4990

Square

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



19.8330, 17.0080, 11.1520



20.4000, 10.3170, -5.2590



18.9440, -14.7620, -7.8020



18.1580, -20.8160, 2.8000

Rectangle

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



19.8330, 17.0080, 11.1520



20.1780, 19.9900, 1.1580



18.9440, -14.7620, -7.8020



20.5230, -20.5860, -1.3700

Sweetspot

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



19.8330, 17.0080, 11.1520



47.3430, 6.4640, 4.0000



18.8670, 2.4730, 15.7610



22.7340, 3.8050, 2.6290



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.



19.8330, 17.0080, 11.1520



19.6110, 26.6810, 17.5690



21.4000, 19.4850, 4.8050



18.7120, 0.8710, 0.7350



28.4220, 40.7550, 26.8270



71.7100, 102.9190, 67.6470

Inverse Universe

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



19.8330, 17.0080, 11.1520



19.6110, 26.6810, 17.5690



29.6000, -19.4850, -4.8050



18.7120, 0.8710, 0.7350



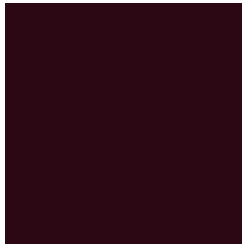
28.4220, 40.7550, 26.8270



71.7100, 102.9190, 67.6470

Previews

White Background



This preview shows how the YIQ color 19.8330, 17.0080, 11.1520 looks on a white background.

Color Contrast Check

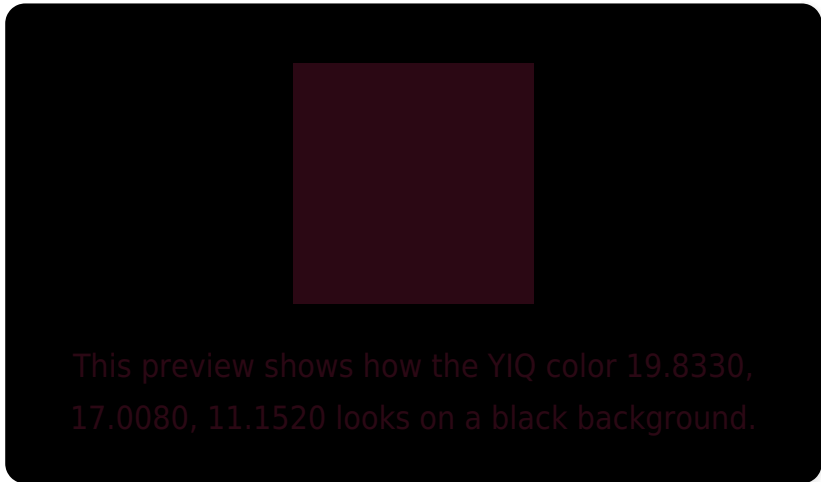
Large Text (above 18pt) WCAG AA ✓ Pass

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

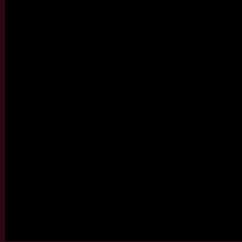
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 19.8330, 17.0080, 11.1520

Background



This preview shows how black text looks on a background with the YIQ color 19.8330, 17.0080, 11.1520.

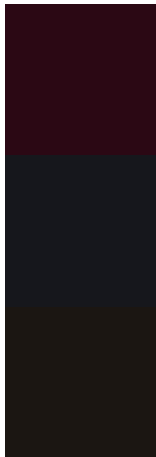


This preview shows how white text looks on a background with the YIQ color 19.8330, 17.0080,

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

19.8330, 17.0080, 11.1520

Protanopia

23.2710, -2.2010, 1.3430

Deuteranopia

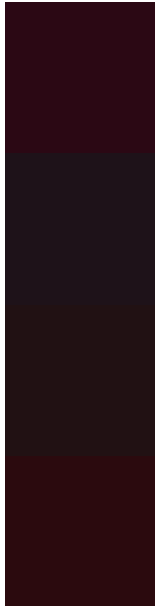
23.0390, 4.2640, -0.1840



Tritanopia

20.5680, 19.0720, 6.7840

Trichromacy



Original Color

19.8330, 17.0080, 11.1520

Protanomaly

22.3860, 4.9050, 4.7210

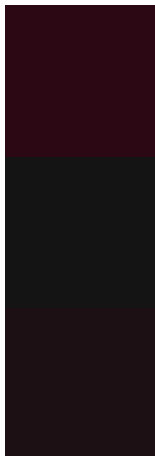
Deuteranomaly

22.0120, 8.8940, 4.0140

Tritanomaly

20.3230, 18.3840, 8.2400

Monochromacy



Original Color

19.8330, 17.0080, 11.1520

Achromatopsia

20.0000, 0.0000, -0.0000

Achromatomaly

20.0440, 5.8680, 3.7880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 19.8330, 17.0080, 11.1520 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(43, 8, 20)` looks like.

```
.text, #text, p{  
    color:rgb(43, 8, 20)  
}
```

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(43, 8, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 8, 20) }
```

Border

The CSS property to change the border of an element to YIQ 19.8330, 17.0080, 11.1520 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(43, 8, 20) }
```


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

```
.border{ border-color:rgb(43, 8, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 8, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 8, 20); -webkit-box-shadow:4px  
4px 4px 4px rgb(43, 8, 20); box-shadow:4px  
4px 4px 4px rgb(43, 8, 20) }
```

Background

The CSS property to change the background color of an element to YIQ 19.8330, 17.0080, 11.1520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 8, 20) }
```

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

```
.background{ background-color: rgb(43, 8,  
20) }
```

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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