

Converting Colors

YIQ(21.4780, -15.5450, 11.9030)

Have a look what the booklet for
YIQ(21.4780, -15.5450, 11.9030)
contains.

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Color

**YIQ(21.4780, -15.5450,
11.9030)**

Conversions

Conversions Part 1

Format	Color
Hex	0E123B
RGB	14, 18, 59
RGB Percent	5%, 7%, 23%
CMY	0.9451, 0.9294, 0.7687
CMYK	0.76, 0.69, 0.00, 0.77
HSL	235°, 62%, 14%
HSV	235°, 76%, 23%
XYZ	1.1863, 0.8416, 4.2343
YIQ	21.4780, -15.5450, 11.9030

Conversions

Conversions Part 2

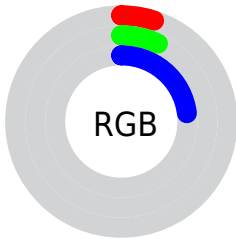
Format	Color
R_{YB}	14, 18, 59
Decimal	922171
CIE _{Lab}	7.60, 14.25, -27.07
CIE _{LCh}	8, 30.588, 297.764
Yxy	0.8416, 0.1894, 0.1344
Android (android.graphics.Color)	4279112251 (0xFF0E123B)
YUV	21.4780, 18.4983, -6.5582
Hunter-Lab	9.1738, 7.0284, -20.9448

Details

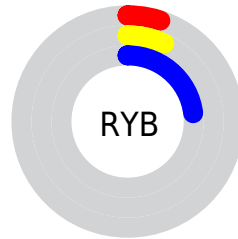
The YIQ color **21.4780, -15.5450, 11.9030** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **51.5220, 15.5450, -11.9030**, and the grayscale version is **21.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **66.2550, -13.2990, 15.2530**, and **2.1830, -4.7690, 3.8310** is the 20% darker color. If you saturate the color by 10%, you get **16.7490, -17.7460, 13.2460**, and if you desaturate by 10%, it is **26.2070, -13.3440, 10.5600**.

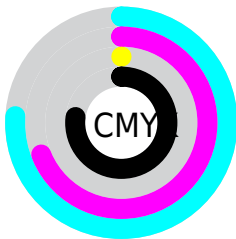
Distribution



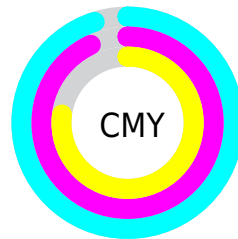
- Red (5%)
- Green (7%)
- Blue (23%)



- Red (5%)
- Yellow (7%)
- Blue (23%)



- Cyan (76%)
- Magenta (69%)
- Yellow (0%)
- Black (77%)



- Cyan (95%)
- Magenta (93%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 21.4780, -15.5450, 11.9030 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 21.4780, -15.5450, 11.9030 by changing the saturation by 10% instead.

■ 21.4780, -15.5450,
11.9030

■ 21.4780, -15.5450,
11.9030

■ 245.2870, 0.8700,
6.2620

■ 4.2180, -11.8770,
11.5070

■ 66.2550, -13.2990,
15.2530

■ 2.0690, -4.4480,
3.5200

■ 89.7820, -13.3450,
16.0870

■ 0.0000, 0.0000,
0.0000

■ 114.6080,
-12.7950, 17.1330

■ 140.2490,
-13.1620, 18.2780

■ 166.6620,
-12.8870, 18.8010

■ 193.8900,

-13.5290, 19.4230

■ 220.1800, -8.7140,
14.7580

■ 21.4780, -15.5450,
11.9030

■ 21.4780, -15.5450,
11.9030

■ 16.7490, -17.7460,
13.2460

■ 26.2070, -13.3440,
10.5600

■ 11.4330, -19.6720,
15.1120

■ 31.5230, -11.4180,
8.6940

■ 9.6610, -20.3140,
15.7340

■ 36.2520, -9.2170,
7.3510

■ 40.9810, -7.0160,
6.0080

■ 45.9980, -5.6860,
3.9300

■ 50.7270, -3.4850,
2.5870

■ 56.0430, -1.5590,
0.7210

■ 60.7720, 0.6420,
-0.6220

■ 65.5010, 2.8430,
-1.9650

Harmonies

Analogous

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



22.5580, -27.6940, 6.3060



21.4780, -15.5450, 11.9030



21.2210, 10.4040, 20.7080

Triad

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



21.4780, -15.5450, 11.9030



20.7980, 24.1160, 3.4760



22.2380, -15.7700, -11.5620

Complementary

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



21.4780, -15.5450, 11.9030



51.5220, 15.5450, -11.9030

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.



18.7840, -8.8000, -16.7360



21.4780, -15.5450, 11.9030



21.5960, 12.7010, -4.4110

Square

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



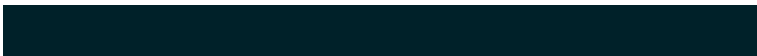
21.4780, -15.5450, 11.9030



16.7440, 33.3760, 11.8720



18.2300, -4.1240, -13.3720



24.0450, -22.2360, -4.5080

Rectangle

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



21.4780, -15.5450, 11.9030



19.4950, 21.3160, 21.1880



18.2300, -4.1240, -13.3720



20.6250, -12.6060, -13.8380

Sweetspot

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



21.4780, -15.5450, 11.9030



61.6390, -6.0530, 5.0750



44.9750, -25.2150, -11.0950



29.1400, -3.2100, 3.1100



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



21.4780, -15.5450, 11.9030



17.6160, -24.4410, 18.9430



24.5120, -3.7170, 17.8110



28.3420, -0.9630, 0.9330



15.4120, -32.3740, 25.0500



37.0480, -76.7620, 58.5820

Inverse Universe

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



27.9110, 25.5360, 10.7840



27.9130, 40.3900, 16.9180



48.4880, 3.7170, -17.8110



28.8970, 1.7880, 0.6360



29.0180, 53.4560, 22.4160



68.6580, 125.8920, 53.2840

Previews

White Background



This preview shows how the YIQ color 21.4780, -15.5450, 11.9030 looks on a white background.

Color Contrast Check

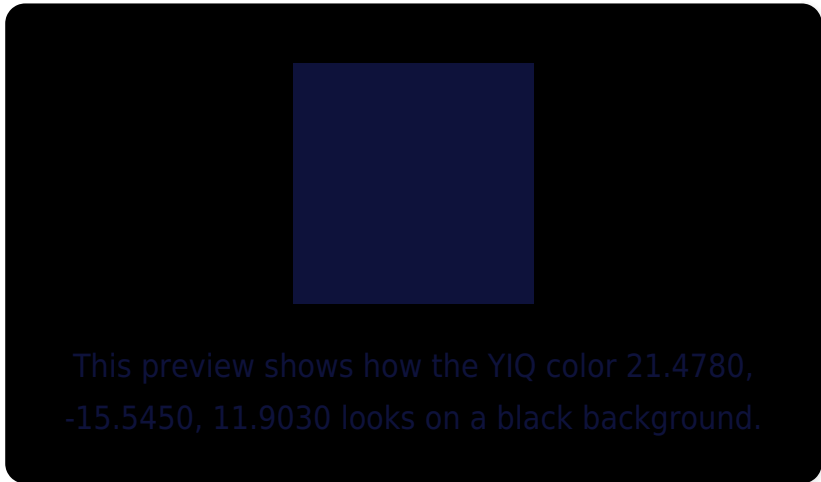
Large Text (above 18pt) WCAG AA ✓ Pass

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

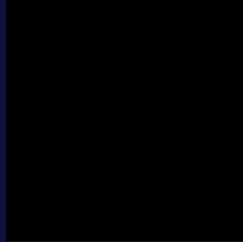
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 21.4780, -15.5450, 11.9030

Background



This preview shows how black text looks on a background with the YIQ color 21.4780, -15.5450, 11.9030.



This preview shows how white text looks on a background with the YIQ color 21.4780, -15.5450,

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

21.4780, -15.5450, 11.9030

Protanopia

18.9730, -21.7330, 2.8990

Deuteranopia

18.7620, -19.7610, 0.1990



Tritanopia

18.4540, -16.1380, -4.8900

Trichromacy



Original Color

21.4780, -15.5450, 11.9030

Protanomaly

19.7500, -19.4870, 6.2490

Deuteranomaly

19.8810, -18.4780, 4.4820

Tritanomaly

19.4420, -15.8640, 1.1600

Monochromacy



Original Color

21.4780, -15.5450, 11.9030

Achromatopsia

21.0000, -0.0000, -0.0000

Achromatomaly

21.1120, -6.0070, 4.2410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 21.4780, -15.5450, 11.9030 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(14, 18, 59)` looks like.

```
.text, #text, p{  
    color:rgb(14, 18, 59)  
}
```

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(14, 18, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 18, 59) }
```

Border

The CSS property to change the border of an element to YIQ 21.4780, -15.5450, 11.9030 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(14, 18, 59) }
```


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

```
.border{ border-color:rgb(14, 18, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 18, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 18, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 18, 59);  
box-shadow:4px 4px 4px 4px rgb(14, 18, 59)  
}
```

Background

The CSS property to change the background color of an element to YIQ 21.4780, -15.5450, 11.9030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 18, 59) }
```

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

```
.background{ background-color: rgb(14, 18,  
59) }
```

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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