

Converting Colors

YIQ(11.1940, -20.4970, 13.5430)

Have a look what the booklet for
YIQ(11.1940, -20.4970, 13.5430)
contains.

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Color

**YIQ(11.1940, -20.4970,
13.5430)**

Conversions

Conversions Part 1

Format	Color
Hex	000839
RGB	0, 8, 57
RGB Percent	0%, 3%, 22%
CMY	1.0000, 0.9686, 0.7766
CMYK	1.00, 0.86, 0.00, 0.78
HSL	232°, 100%, 11%
HSV	232°, 100%, 22%
XYZ	0.8247, 0.4689, 3.9140
YIQ	11.1940, -20.4970, 13.5430

Conversions

Conversions Part 2

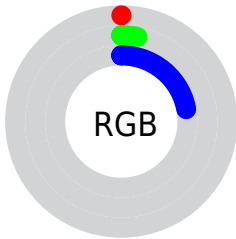
Format	Color
RYB	0, 7, 57
Decimal	2105
CIELab	4.24, 15.53, -31.12
CIELCh	4, 34.776, 296.517
Yxy	0.4689, 0.1584, 0.0900
Android (android.graphics.Color)	4278192185 (0xFF000839)
YUV	11.1940, 22.5824, -9.8171
Hunter-Lab	6.8474, 9.5149, -29.0970

Details

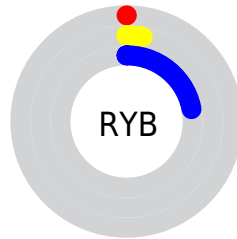
The YIQ color **11.1940, -20.4970, 13.5430** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **45.8060, 20.4970, -13.5430**, and the grayscale version is **11.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **57.7430, -17.6090, 16.2710**, and **1.1400, -3.2100, 3.1100** is the 20% darker color. If you saturate the color by 10%, you get **11.1940, -20.4970, 13.5430**, and if you desaturate by 10%, it is **15.9230, -18.2960, 12.2000**.

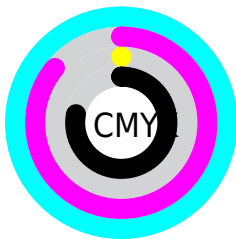
Distribution



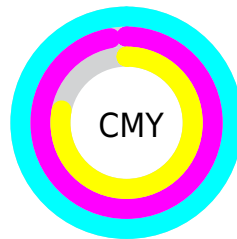
- Red (0%)
- Green (3%)
- Blue (22%)



- Red (0%)
- Yellow (3%)
- Blue (22%)



- Cyan (100%)
- Magenta (86%)
- Yellow (0%)
- Black (78%)



- Cyan (100%)
- Magenta (97%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 11.1940, -20.4970, 13.5430 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 11.1940, -20.4970, 13.5430 by changing the saturation by 10% instead.

■ 11.1940, -20.4970,
13.5430

■ 11.1940, -20.4970,
13.5430

■ 235.8290, -3.5320,
8.9480

■ 5.1640, -11.7850,
9.8390

■ 57.7430, -17.6090,
16.2710

■ 1.1400, -3.2100,
3.1100

■ 81.5690, -17.0590,
17.3170

■ 0.0000, 0.0000,
0.0000


■ 105.5090,
-16.8300, 18.6740


■ 131.0360,
-16.8760, 19.5080


■ 157.5630,
-16.9220, 20.3420


■ 185.0900,


-16.9680, 21.1760


 211.0210,
-12.5200, 17.6560


 11.1940, -20.4970,
13.5430

 15.9230, -18.2960,
12.2000

 20.3530, -16.6910,
10.6450

 25.0820, -14.4900,
9.3020

 29.8110, -12.2890,
7.9590

 33.6540, -10.4090,
6.9270

■ 38.3830, -8.2080,
5.5840

■ 43.1120, -6.0070,
4.2410

■ 47.8410, -3.8060,
2.8980

■ 52.2710, -2.2010,
1.3430

Harmonies

Analogous

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



18.8080, -25.4020, 8.8220



11.1940, -20.4970, 13.5430



16.3350, 10.0830, 21.0190

Triad

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



11.1940, -20.4970, 13.5430



12.2590, 24.4360, 8.6920



15.1140, -9.4890, -9.7530

Complementary

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



11.1940, -20.4970, 13.5430



45.8060, 20.4970, -13.5430

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.



13.5010, -6.3250, -12.0290



11.1940, -20.4970, 13.5430



14.8070, 10.7290, -1.7110

Square

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



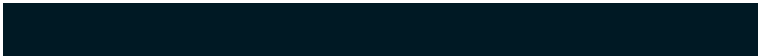
11.1940, -20.4970, 13.5430



15.2490, 30.3960, 10.8120



12.9140, -6.0500, -11.5060



18.7790, -18.4310, -1.8790

Rectangle

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



11.1940, -20.4970, 13.5430



17.7290, 20.5370, 18.7850



12.9140, -6.0500, -11.5060



13.5010, -6.3250, -12.0290

Sweetspot

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



11.1940, -20.4970, 13.5430



56.2690, -7.8870, 5.2730



38.9310, -31.0830, -14.8830



26.7700, -5.0440, 3.3080



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.



11.1940, -20.4970, 13.5430



14.3060, -26.5040, 17.7840



12.4780, -6.3770, 21.9670



25.9290, -1.2380, 0.4100



18.1190, -33.1070, 21.8130



43.1630, -78.8240, 51.8960

Inverse Universe

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



17.9550, 31.4040, 14.5720



23.2660, 40.8940, 18.7980



44.5220, 6.3770, -21.9670



26.0110, 1.4670, 0.9470



28.9900, 50.6590, 23.5470



69.0150, 120.5730, 56.0690

Previews

White Background



This preview shows how the YIQ color 11.1940, -20.4970, 13.5430 looks on a white background.

Color Contrast Check

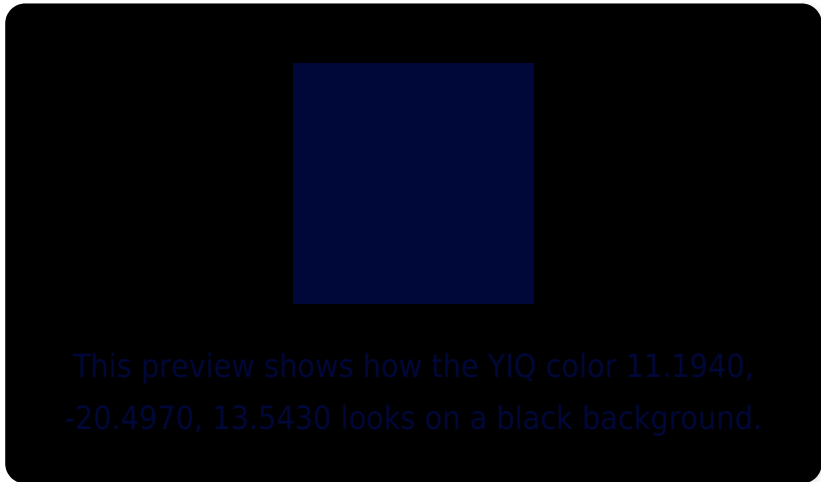
Large Text (above 18pt) WCAG AA ✓ Pass

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

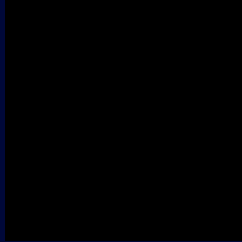
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 11.1940, -20.4970, 13.5430

Background



This preview shows how black text looks on a background with the YIQ color 11.1940, -20.4970, 13.5430.



This preview shows how white text looks on a background with the YIQ color 11.1940, -20.4970,

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

11.1940, -20.4970, 13.5430

Protanopia

14.7840, -16.8270, 2.0930

Deuteranopia

14.6870, -15.1760, -0.2960



Tritanopia

14.1340, -12.2410, -3.9290

Trichromacy



Original Color

11.1940, -20.4970, 13.5430

Protanomaly

13.2340, -17.9740, 6.3620

Deuteranomaly

13.3650, -16.9650, 4.5950

Tritanomaly

13.2680, -15.3140, 2.2060

Monochromacy



Original Color

11.1940, -20.4970, 13.5430

Achromatopsia

11.0000, -0.0000, -0.0000

Achromatomaly

11.1550, -7.5660, 4.9620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 11.1940, -20.4970, 13.5430 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, 8, 57)` looks like.

```
.text, #text, p{  
    color:rgb(0, 8, 57)  
}
```

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, 8, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 8, 57) }
```

Border

The CSS property to change the border of an element to YIQ 11.1940, -20.4970, 13.5430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

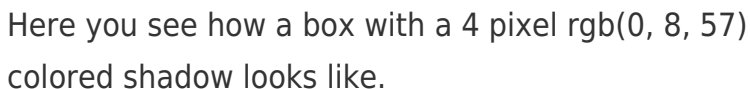
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 8, 57) }
```


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

```
.border{ border-color:rgb(0, 8, 57) }
```

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



Here you see how a box with a 4 pixel `rgb(0, 8, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 8, 57); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 8, 57); box-shadow:4px  
4px 4px 4px rgb(0, 8, 57) }
```

Background

The CSS property to change the background color of an element to YIQ 11.1940, -20.4970, 13.5430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 8, 57) }
```

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

```
.background{ background-color: rgb(0, 8,  
57) }
```

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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