

Converting Colors

YIQ(24.8280, -10.9590, 5.8810)

Have a look what the booklet for
YIQ(24.8280, -10.9590, 5.8810)
contains.

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Color

**YIQ(24.8280, -10.9590,
5.8810)**

Conversions

Conversions Part 1

Format	Color
Hex	12182F
RGB	18, 24, 47
RGB Percent	7%, 9%, 18%
CMY	0.9294, 0.9059, 0.8157
CMYK	0.62, 0.49, 0.00, 0.82
HSL	228°, 45%, 13%
HSV	228°, 62%, 18%
XYZ	1.0889, 0.9871, 2.8208
YIQ	24.8280, -10.9590, 5.8810

Conversions

Conversions Part 2

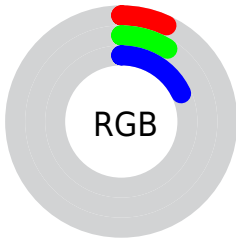
Format	Color
RYB	18, 23, 47
Decimal	1185839
CIELab	8.88, 5.46, -16.28
CIELCh	9, 17.168, 288.547
Yxy	0.9871, 0.2224, 0.2016
Android (android.graphics.Color)	4279375919 (0xFF12182F)
YUV	24.8280, 10.9308, -5.9882
Hunter-Lab	9.9352, 2.1773, -9.8790

Details

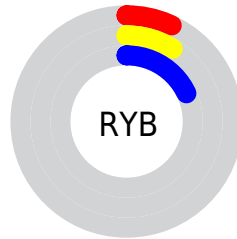
The YIQ color **24.8280, -10.9590, 5.8810** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **40.1720, 10.9590, -5.8810**, and the grayscale version is **25.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **68.7680, -10.7300, 7.2380**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.9850, -12.8390, 6.9130**, and if you desaturate by 10%, it is **28.6710, -9.0790, 4.8490**.

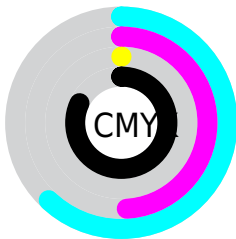
Distribution



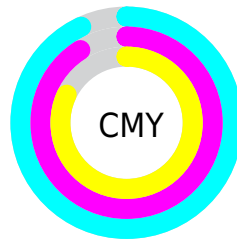
- Red (7%)
- Green (9%)
- Blue (18%)



- Red (7%)
- Yellow (9%)
- Blue (18%)



- Cyan (62%)
- Magenta (49%)
- Yellow (0%)
- Black (82%)



- Cyan (93%)
- Magenta (91%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 24.8280, -10.9590, 5.8810 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 24.8280, -10.9590, 5.8810 by changing the saturation by 10% instead.

■ 24.8280, -10.9590,
5.8810

■ 24.8280, -10.9590,
5.8810

■ 249.6730, -3.3930,
0.9190

■ 3.5510, -8.6210,
7.5630

■ 68.7680, -10.7300,
7.2380

■ 0.0000, 0.0000,
0.0000

■ 91.9960, -11.3720,
7.8600

■ 116.5230,
-11.4180, 8.6940

■ 142.5230,
-11.4180, 8.6940

■ 168.6370,
-11.7390, 9.0050

■ 195.7510,

-12.0600, 9.3160

■ 223.8650,
-12.3810, 9.6270

■ 24.8280, -10.9590,
5.8810

■ 24.8280, -10.9590,
5.8810

■ 20.9850, -12.8390,
6.9130

■ 28.6710, -9.0790,
4.8490

■ 18.0280, -14.3980,
7.6340

■ 31.6280, -7.5200,
4.1280

■ 14.1850, -16.2780,
8.6660

■ 35.4710, -5.6400,
3.0960

■ 11.2280, -17.8370,
9.3870

■ 39.3140, -3.7600,
2.0640

■ 42.8580, -2.4760,
0.8200

■ 46.1140, -0.3210,
0.3110

■ 49.9570, 1.5590,
-0.7210

■ 53.8000, 3.4390,
-1.7530

■ 57.3440, 4.7230,
-2.9970

Harmonies

Analogous

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



21.9080, -23.1080, 0.2840



24.8280, -10.9590, 5.8810



26.2920, 2.4740, 10.2340

Triad

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



24.8280, -10.9590, 5.8810



24.5370, 20.3570, 0.0130



20.4770, -14.9450, -9.9930

Complementary

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



24.8280, -10.9590, 5.8810



40.1720, 10.9590, -5.8810

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.



21.0670, -2.1070, -11.3790



24.8280, -10.9590, 5.8810



24.5640, 15.7270, -4.1850

Square

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



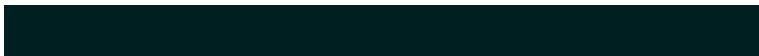
24.8280, -10.9590, 5.8810



24.6110, 17.5130, 7.5050



23.9220, 8.6670, -8.3970



21.8450, -18.7970, -6.2610

Rectangle

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



24.8280, -10.9590, 5.8810



26.4130, 9.4430, 10.5870



23.9220, 8.6670, -8.3970



19.9070, -13.3400, -11.5480

Sweetspot

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



24.8280, -10.9590, 5.8810



52.4280, -4.0810, 2.3750



37.6450, -15.3580, -8.0140



25.3850, -2.5220, 1.6540



158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



24.8280, -10.9590, 5.8810



26.4130, -16.9200, 9.2880



23.6980, -4.5410, 10.7150



21.2280, -0.6420, 0.6220



20.4840, -32.8770, 17.6430



50.2240, -80.7940, 43.5420

Inverse Universe

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



27.3550, 15.3580, 8.0140



30.4810, 23.9310, 12.3390



41.3020, 4.5410, -10.7150



21.5980, 1.1920, 0.4240



28.0650, 46.0740, 24.0420



69.0020, 113.4200, 59.0520

Previews

White Background



This preview shows how the YIQ color 24.8280, -10.9590, 5.8810 looks on a white background.

Color Contrast Check

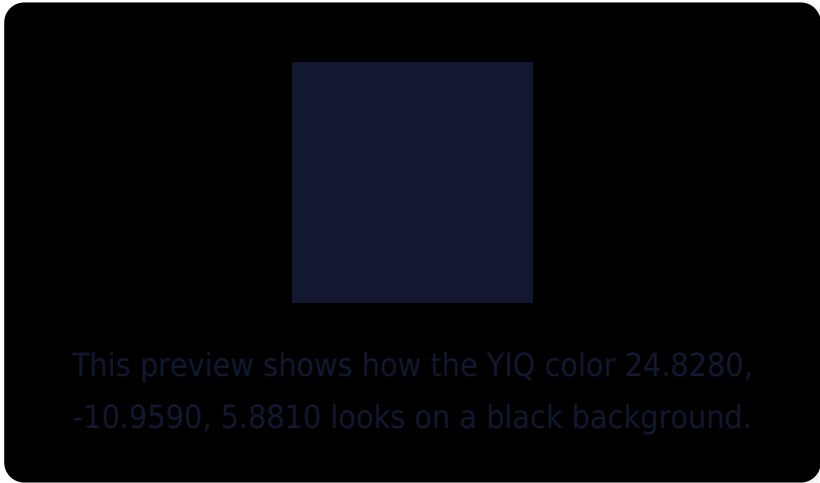
Large Text (above 18pt) WCAG AA ✓ Pass

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

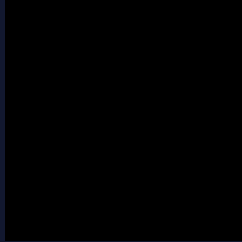
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 24.8280, -10.9590, 5.8810

Background



This preview shows how black text looks on a background with the YIQ color 24.8280, -10.9590, 5.8810.



This preview shows how white text looks on a background with the YIQ color 24.8280, -10.9590,

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

24.8280, -10.9590, 5.8810

Protanopia

24.0340, -14.5350, 4.6090

Deuteranopia

20.5060, -21.9160, 0.7080



Tritanopia

22.8460, -11.3700, -3.1940

Trichromacy



Original Color

24.8280, -10.9590, 5.8810

Protanomaly

24.6320, -13.3430, 5.0330

Deuteranomaly

22.0120, -17.4690, 2.7150

Tritanomaly

23.8400, -11.2330, -0.1690

Monochromacy



Original Color

24.8280, -10.9590, 5.8810

Achromatopsia

25.0000, -0.0000, -0.0000

Achromatomaly

25.0150, -4.3560, 1.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 24.8280, -10.9590, 5.8810 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(18, 24, 47)` looks like.

```
.text, #text, p{  
    color:rgb(18, 24, 47)  
}
```

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(18, 24, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 24, 47) }
```

Border

The CSS property to change the border of an element to YIQ 24.8280, -10.9590, 5.8810 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(18, 24, 47) }
```


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

```
.border{ border-color:rgb(18, 24, 47) }
```

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

Here you see how a box with a 4 pixel rgb(18, 24, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 24, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 24, 47);  
box-shadow:4px 4px 4px 4px rgb(18, 24, 47)  
}
```

Background

The CSS property to change the background color of an element to YIQ 24.8280, -10.9590, 5.8810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 24, 47) }
```

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

```
.background{ background-color: rgb(18, 24,  
47) }
```

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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