

Converting Colors

YIQ(25.5830, -11.6470, 7.3370)

Have a look what the booklet for
YIQ(25.5830, -11.6470, 7.3370)
contains.

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Color

**YIQ(25.5830, -11.6470,
7.3370)**

Conversions

Conversions Part 1

Format	Color
Hex	131833
RGB	19, 24, 51
RGB Percent	7%, 9%, 20%
CMY	0.9255, 0.9059, 0.8001
CMYK	0.63, 0.53, 0.00, 0.80
HSL	231°, 46%, 14%
HSV	231°, 63%, 20%
XYZ	1.1924, 1.0307, 3.2661
YIQ	25.5830, -11.6470, 7.3370

Conversions

Conversions Part 2

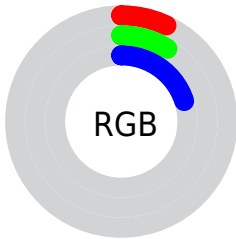
Format	Color
R_YB	19, 23, 51
Decimal	1251379
CIE Lab	9.24, 7.37, -18.62
CIE LCh	9, 20.022, 291.593
Yxy	1.0307, 0.2172, 0.1878
Android (android.graphics.Color)	4279441459 (0xFF131833)
YUV	25.5830, 12.5306, -5.7733
Hunter-Lab	10.1523, 3.1991, -11.9676

Details

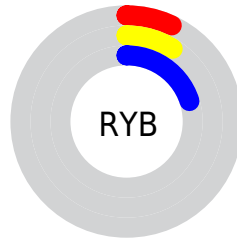
The YIQ color **25.5830, -11.6470, 7.3370** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **44.4170, 11.6470, -7.3370**, and the grayscale version is **25.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **69.6370, -11.7390, 9.0050**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.7400, -13.5270, 8.3690**, and if you desaturate by 10%, it is **29.4260, -9.7670, 6.3050**.

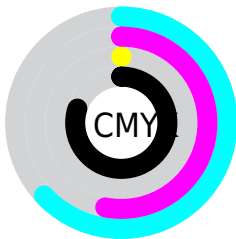
Distribution



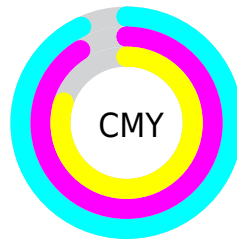
- Red (7%)
- Green (9%)
- Blue (20%)



- Red (7%)
- Yellow (9%)
- Blue (20%)



- Cyan (63%)
- Magenta (53%)
- Yellow (0%)
- Black (80%)



- Cyan (93%)
- Magenta (91%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 25.5830, -11.6470, 7.3370 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 25.5830, -11.6470, 7.3370 by changing the saturation by 10% instead.

■ 25.5830, -11.6470,
7.3370

■ 25.5830, -11.6470,
7.3370

■ 250.5700, -1.6050,
1.5550

■ 3.4200, -9.6300,
9.3300

■ 69.6370, -11.7390,
9.0050

■ 0.0000, 0.0000,
0.0000

■ 93.1640, -11.7850,
9.8390

■ 117.5770,
-11.5100, 10.3620

■ 143.6910,
-11.8310, 10.6730

■ 170.2180,
-11.8770, 11.5070

■ 197.3320,

-12.1980, 11.8180

■ 224.8760,
-10.9140, 10.5740

■ 25.5830, -11.6470,
7.3370

■ 25.5830, -11.6470,
7.3370

■ 21.7400, -13.5270,
8.3690

■ 29.4260, -9.7670,
6.3050

■ 17.3100, -15.1320,
9.9240

■ 33.8560, -8.1620,
4.7500

■ 13.4670, -17.0120,
10.9560

■ 37.6990, -6.2820,
3.7180

■ 10.5100, -18.5710,
11.6770

■ 41.5420, -4.4020,
2.6860

■ 45.9720, -2.7970,
1.1310

■ 50.1140, -0.3210,
0.3110

■ 53.9570, 1.5590,
-0.7210

■ 57.8000, 3.4390,
-1.7530

■ 62.2300, 5.0440,
-3.3080

Harmonies

Analogous

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



22.9510, -24.6670, 1.0050



25.5830, -11.6470, 7.3370



26.8300, 3.8950, 12.0150

Triad

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



25.5830, -11.6470, 7.3370



24.6190, 23.0620, 0.5500



21.8790, -16.1370, -10.4170

Complementary

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



25.5830, -11.6470, 7.3370



44.4170, 11.6470, -7.3370

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.



20.6320, -5.3160, -13.7960



25.5830, -11.6470, 7.3370



25.1510, 15.4520, -4.7080

Square

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



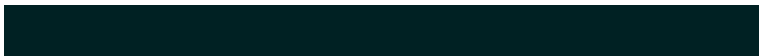
25.5830, -11.6470, 7.3370



24.9920, 20.8140, 8.2540



23.9110, 7.2000, -9.3440



23.3610, -20.3100, -6.3740

Rectangle

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



25.5830, -11.6470, 7.3370



26.5490, 12.0560, 12.7920



23.9110, 7.2000, -9.3440



20.6080, -13.9360, -11.7600

Sweetspot

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



25.5830, -11.6470, 7.3370



56.5420, -4.4020, 2.6860



40.8620, -17.4670, -8.3390



27.3850, -2.5220, 1.6540



161.0000, -0.0000, -0.0000



33.0000, -0.0000, -0.0000

Same Dimension

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



25.5830, -11.6470, 7.3370



26.6950, -17.6540, 11.5780



25.9370, -3.7160, 12.2840



23.3420, -0.9630, 0.9330



18.3640, -32.4190, 20.3570



44.6960, -79.0070, 49.7050

Inverse Universe

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



29.1380, 17.4670, 8.3390



32.4490, 26.9570, 12.5650



44.0630, 3.7160, -12.2840



23.8970, 1.7880, 0.6360



28.2070, 48.5500, 23.2220



68.7590, 118.4180, 56.5780

Previews

White Background



This preview shows how the YIQ color 25.5830, -11.6470, 7.3370 looks on a white background.

Color Contrast Check

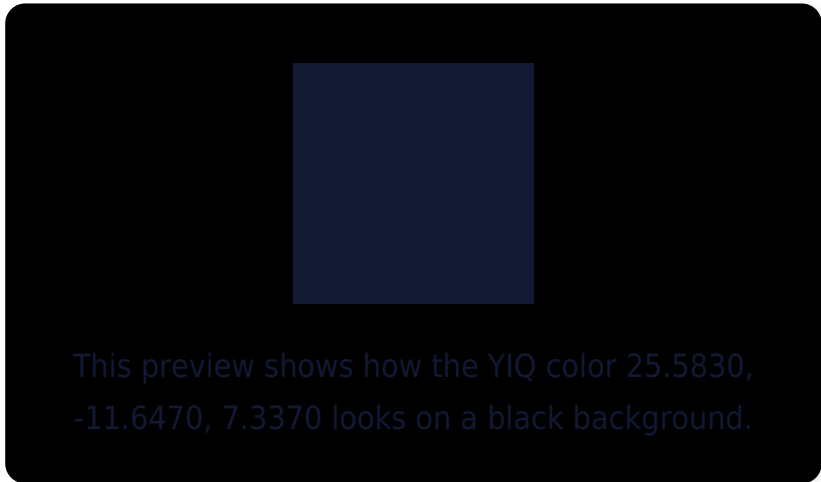
Large Text (above 18pt) WCAG AA ✓ Pass

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

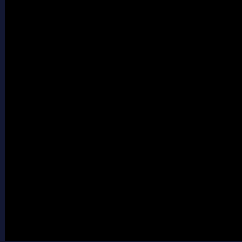
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 25.5830, -11.6470, 7.3370

Background



This preview shows how black text looks on a background with the YIQ color 25.5830, -11.6470, 7.3370.



This preview shows how white text looks on a background with the YIQ color 25.5830, -11.6470,

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

25.5830, -11.6470, 7.3370

Protanopia

22.9950, -18.7990, 4.7930

Deuteranopia

21.2070, -22.5120, 0.4960



Tritanopia

22.9490, -13.1580, -3.8300

Trichromacy



Original Color

25.5830, -11.6470, 7.3370

Protanomaly

24.1910, -16.4150, 5.6410

Deuteranomaly

22.8270, -18.3860, 2.8140

Tritanomaly

23.7690, -12.4710, 0.2410

Monochromacy



Original Color

25.5830, -11.6470, 7.3370

Achromatopsia

26.0000, -0.0000, -0.0000

Achromatomaly

25.5420, -4.4020, 2.6860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.5830, -11.6470, 7.3370 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(19, 24, 51)` looks like.

```
.text, #text, p{  
    color:rgb(19, 24, 51)  
}
```

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(19, 24, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 24, 51) }
```

Border

The CSS property to change the border of an element to YIQ 25.5830, -11.6470, 7.3370 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(19, 24, 51) }
```


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

```
.border{ border-color:rgb(19, 24, 51) }
```

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

Here you see how a box with a 4 pixel rgb(19, 24, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 24, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 24, 51);  
box-shadow:4px 4px 4px 4px rgb(19, 24, 51)  
}
```

Background

The CSS property to change the background color of an element to YIQ 25.5830, -11.6470, 7.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 24, 51) }
```

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

```
.background{ background-color: rgb(19, 24,  
51) }
```

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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