

Converting Colors

YIQ(27.1230, -21.7350, 13.9530)

Have a look what the booklet for
YIQ(27.1230, -21.7350, 13.9530)
contains.

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Color

**YIQ(27.1230, -21.7350,
13.9530)**

Conversions

Conversions Part 1

Format	Color
Hex	0F184B
RGB	15, 24, 75
RGB Percent	6%, 9%, 29%
CMY	0.9412, 0.9059, 0.7060
CMYK	0.80, 0.68, 0.00, 0.71
HSL	231°, 67%, 18%
HSV	231°, 80%, 29%
XYZ	1.7927, 1.2626, 6.8001
YIQ	27.1230, -21.7350, 13.9530

Conversions

Conversions Part 2

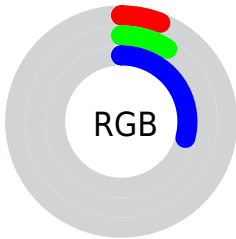
Format	Color
RYB	15, 23, 75
Decimal	989259
CIELab	11.01, 16.67, -32.78
CIElCh	11, 36.773, 296.950
Yxy	1.2626, 0.1819, 0.1281
Android (android.graphics.Color)	4279179339 (0xFF0F184B)
YUV	27.1230, 23.6034, -10.6319
Hunter-Lab	11.2364, 8.8142, -28.0157

Details

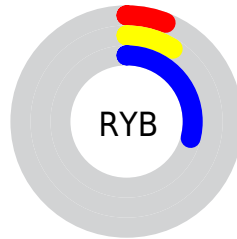
The YIQ color **27.1230, -21.7350, 13.9530** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **62.8770, 21.7350, -13.9530**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **73.7970, -17.7010, 17.9390**, and **4.5940, -10.1800, 8.2840** is the 20% darker color. If you saturate the color by 10%, you get **21.5080, -24.2570, 15.6070**, and if you desaturate by 10%, it is **33.0370, -18.6170, 12.5110**.

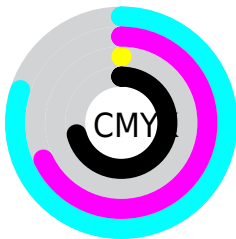
Distribution



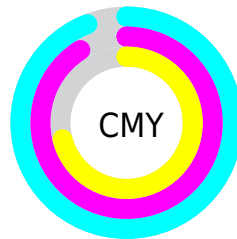
- Red (6%)
- Green (9%)
- Blue (29%)



- Red (6%)
- Yellow (9%)
- Blue (29%)



- Cyan (80%)
- Magenta (68%)
- Yellow (0%)
- Black (71%)



- Cyan (94%)
- Magenta (91%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 27.1230, -21.7350, 13.9530 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 27.1230, -21.7350, 13.9530 by changing the saturation by 10% instead.

■ 27.1230, -21.7350,
13.9530

■ 27.1230, -21.7350,
13.9530

■ 252.0650, 1.3750,
2.6150

■ 5.9280, -16.6920,
16.1720

■ 73.7970, -17.7010,
17.9390

■ 4.5940, -10.1800,
8.2840

■ 97.8510, -17.7930,
19.6070

■ 0.0000, 0.0000,
0.0000

■ 123.2640,
-17.5180, 20.1300

■ 149.2040,
-17.2890, 21.4870

■ 175.7310,
-17.3350, 22.3210

■ 203.0470,

-15.4090, 20.4550

■ 227.2680, -6.1460,
12.2700

■ 27.1230, -21.7350,
13.9530

■ 27.1230, -21.7350,
13.9530

■ 21.5080, -24.2570,
15.6070

■ 33.0370, -18.6170,
12.5110

■ 15.0070, -27.1000,
17.5720

■ 39.2390, -16.3700,
10.3340

■ 44.8540, -13.8480,
8.6800

■ 50.7680, -10.7300,
7.2380

■ 56.9700, -8.4830,
5.0610

■ 62.8840, -5.3650,
3.6190

■ 69.0860, -3.1180,
1.4420

■ 75.0000, -0.0000,
-0.0000

■ 80.6150, 2.5220,
-1.6540

Harmonies

Analogous

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



29.0780, -35.0300, 7.0980



27.1230, -21.7350, 13.9530



26.7640, 13.4290, 26.4610

Triad

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



27.1230, -21.7350, 13.9530



26.4460, 31.0390, 4.6630



26.4440, -19.3460, -12.8340

Complementary

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



27.1230, -21.7350, 13.9530



62.8770, 21.7350, -13.9530

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.



22.3060, -10.4500, -19.8740



27.1230, -21.7350, 13.9530



28.3960, 16.1400, -6.1640

Square

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



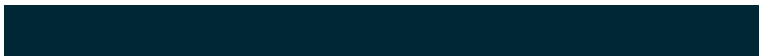
27.1230, -21.7350, 13.9530



21.1580, 41.0780, 15.4620



25.0300, -0.6850, -15.1250



29.4080, -27.6920, -4.7480

Rectangle

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



27.1230, -21.7350, 13.9530



24.8210, 26.4500, 27.2660



25.0300, -0.6850, -15.1250



25.4180, -16.4570, -15.6330

Sweetspot

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



27.1230, -21.7350, 13.9530



78.3830, -8.2080, 5.5840



55.9200, -32.5500, -15.8300



37.3570, -5.3190, 2.7850



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



27.1230, -21.7350, 13.9530



22.8200, -33.7030, 21.6010



27.8200, -7.3400, 22.9000



35.0430, -1.5590, 0.7210



20.4330, -36.8670, 23.8770



46.1780, -83.1800, 53.7480

Inverse Universe

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



33.9660, 32.8710, 15.5190



33.4030, 50.9340, 24.0700



62.1800, 7.3400, -22.9000



35.3100, 2.0630, 1.1590



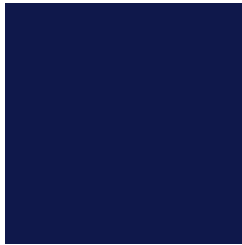
32.2080, 55.9770, 26.2890



72.6460, 126.1660, 59.3340

Previews

White Background



This preview shows how the YIQ color 27.1230, -21.7350, 13.9530 looks on a white background.

Color Contrast Check

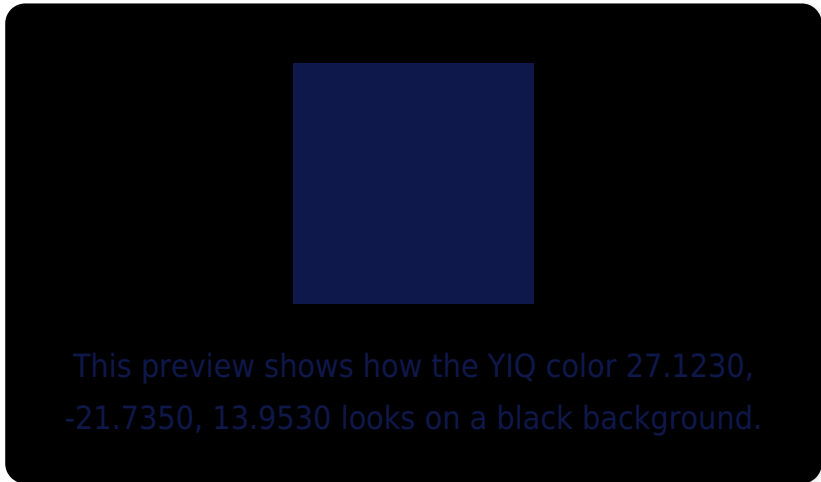
Large Text (above 18pt) WCAG AA ✓ Pass

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

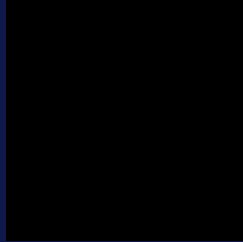
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 27.1230, -21.7350, 13.9530

Background



This preview shows how black text looks on a background with the YIQ color 27.1230, -21.7350, 13.9530.



This preview shows how white text looks on a background with the YIQ color 27.1230, -21.7350,

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

27.1230, -21.7350, 13.9530

Protanopia

24.0910, -27.8770, 4.1150

Deuteranopia

24.2390, -25.5380, 0.2700



Tritanopia

24.0620, -20.9060, -6.5860

Trichromacy



Original Color

27.1230, -21.7350, 13.9530

Protanomaly

24.9820, -25.9520, 7.7760

Deuteranomaly

24.8850, -24.3010, 5.3870

Tritanomaly

24.8050, -21.3200, 0.9200

Monochromacy



Original Color

27.1230, -21.7350, 13.9530

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

27.1550, -7.5660, 4.9620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 27.1230, -21.7350, 13.9530 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(15, 24, 75)` looks like.

```
.text, #text, p{  
    color:rgb(15, 24, 75)  
}
```

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(15, 24, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 24, 75) }
```

Border

The CSS property to change the border of an element to YIQ 27.1230, -21.7350, 13.9530 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(15, 24, 75) }
```


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

```
.border{ border-color:rgb(15, 24, 75) }
```

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

Here you see how a box with a 4 pixel rgb(15, 24, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 24, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 24, 75);  
box-shadow:4px 4px 4px 4px rgb(15, 24, 75)  
}
```

Background

The CSS property to change the background color of an element to YIQ 27.1230, -21.7350, 13.9530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 24, 75) }
```

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

```
.background{ background-color: rgb(15, 24,  
75) }
```

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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