

Converting Colors

YIQ(22.8350, -3.6690, 5.9230)

Have a look what the booklet for
YIQ(22.8350, -3.6690, 5.9230)
contains.

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Color

**YIQ(22.8350, -3.6690,
5.9230)**

Conversions

Conversions Part 1

Format	Color
Hex	171425
RGB	23, 20, 37
RGB Percent	9%, 8%, 15%
CMY	0.9098, 0.9216, 0.8549
CMYK	0.38, 0.46, 0.00, 0.85
HSL	251°, 30%, 11%
HSV	251°, 46%, 15%
XYZ	0.9374, 0.8160, 1.8578
YIQ	22.8350, -3.6690, 5.9230

Conversions

Conversions Part 2

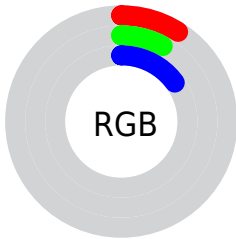
Format	Color
R_{YB}	23, 20, 37
Decimal	1512485
CIE _{Lab}	7.37, 6.49, -11.19
CIE _{LCh}	7, 12.938, 300.102
Yxy	0.8160, 0.2596, 0.2260
Android (android.graphics.Color)	4279702565 (0xFF171425)
YUV	22.8350, 6.9833, 0.1447
Hunter-Lab	9.0333, 2.7150, -5.8702

Details

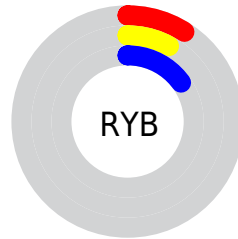
The YIQ color **22.8350, -3.6690, 5.9230** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **34.1650, 3.6690, -5.9230**, and the grayscale version is **23.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **65.4760, -4.0360, 7.0680**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.5900, -4.3570, 7.3790**, and if you desaturate by 10%, it is **26.0800, -2.9810, 4.4670**.

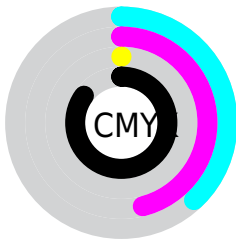
Distribution



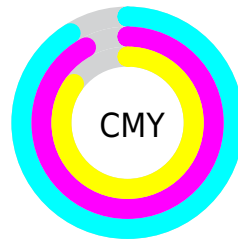
- Red (9%)
- Green (8%)
- Blue (15%)



- Red (9%)
- Yellow (8%)
- Blue (15%)



- Cyan (38%)
- Magenta (46%)
- Yellow (0%)
- Black (85%)



- Cyan (91%)
- Magenta (92%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 22.8350, -3.6690, 5.9230 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 22.8350, -3.6690, 5.9230 by changing the saturation by 10% instead.

■ 22.8350, -3.6690,
5.9230

■ 22.8350, -3.6690,
5.9230

■ 247.0480, 0.0450,
4.6930

■ 2.2970, -5.0900,
4.1420

■ 65.4760, -4.0360,
7.0680

■ 0.0000, 0.0000,
0.0000

■ 88.8890, -3.7610,
7.5910

■ 113.5900, -4.3570,
7.3790

■ 139.0030, -4.0820,
7.9020

■ 165.1170, -4.4030,
8.2130

■ 192.5300, -4.1280,

8.7360

■ 220.5300, -4.1280,
8.7360

■ 22.8350, -3.6690,
5.9230

■ 22.8350, -3.6690,
5.9230

■ 19.5900, -4.3570,
7.3790

■ 26.0800, -2.9810,
4.4670

■ 16.9320, -5.3200,
8.3120

■ 28.7380, -2.0180,
3.5340

■ 13.6870, -6.0080,
9.7680

■ 31.9830, -1.3300,
2.0780

■ 10.4420, -6.6960,
11.2240

■ 35.2280, -0.6420,
0.6220

■ 7.7840, -7.6590,
12.1570

■ 37.8860, 0.3210,
-0.3110

■ 6.3110, -7.7050,
12.9910

■ 41.1310, 1.0090,
-1.7670

■ 44.3760, 1.6970,
-3.2230

■ 47.6210, 2.3850,
-4.6790

■ 50.2790, 3.3480,
-5.6120

Harmonies

Analogous

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



20.3390, -14.0760, 1.7960



22.8350, -3.6690, 5.9230



23.3800, 5.0420, 7.7460

Triad

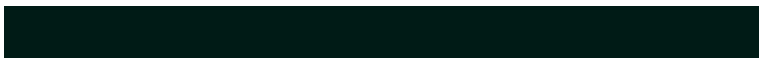
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



22.8350, -3.6690, 5.9230



21.3300, 16.5060, -1.7820



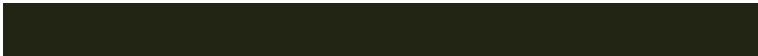
18.3570, -14.4870, -7.2790

Complementary

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



22.8350, -3.6690, 5.9230



34.1650, 3.6690, -5.9230

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.



18.0110, -7.7010, -9.1170



22.8350, -3.6690, 5.9230



21.5850, 11.2340, -5.3580

Square

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



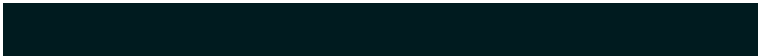
22.8350, -3.6690, 5.9230



22.4210, 14.9920, 3.6320



20.0680, 5.3200, -8.3120



19.3830, -17.3760, -4.4800

Rectangle

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



22.8350, -3.6690, 5.9230



22.7180, 9.9020, 7.7740



20.0680, 5.3200, -8.3120



18.0150, -13.5240, -8.2120

Sweetspot

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



22.8350, -3.6690, 5.9230



42.9830, -1.3300, 2.0780



30.1560, -9.3070, -2.0350



21.8690, -1.0090, 1.7670



153.0000, 0.0000, -0.0000



26.0000, -0.0000, -0.0000

Same Dimension

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



22.8350, -3.6690, 5.9230



26.4590, -5.3660, 9.1460



25.2270, 1.0990, 7.6190



16.2280, -0.6420, 0.6220



13.5340, -17.9780, 28.4700



34.8890, -45.0370, 72.8430

Inverse Universe

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



26.6790, 5.6380, 7.9580



32.2820, 8.4340, 12.3540



31.7730, -1.0990, -7.6190



16.8260, 0.5500, 1.0460



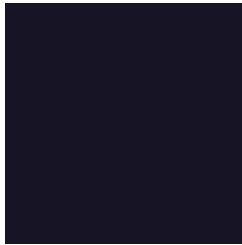
32.1560, 27.3650, 38.2210



82.0990, 69.3520, 97.8000

Previews

White Background



This preview shows how the YIQ color 22.8350, -3.6690, 5.9230 looks on a white background.

Color Contrast Check

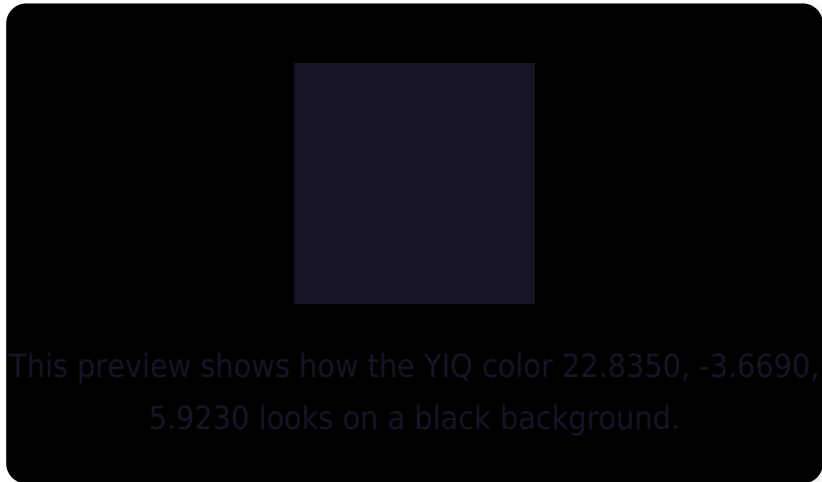
Large Text (above 18pt) WCAG AA ✓ Pass

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

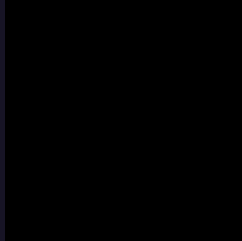
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 22.8350, -3.6690, 5.9230

Background



This preview shows how black text looks on a background with the YIQ color 22.8350, -3.6690, 5.9230.



This preview shows how white text looks on a background with the YIQ color 22.8350, -3.6690,

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

22.8350, -3.6690, 5.9230

Protanopia

21.8450, -9.6290, 3.8030

Deuteranopia

21.7910, -9.5370, 2.1350



Tritanopia

22.3310, -2.4300, -0.0140

Trichromacy



Original Color

22.8350, -3.6690, 5.9230

Protanomaly

22.0410, -7.2450, 4.6510

Deuteranomaly

22.1010, -7.4740, 3.2940

Tritanomaly

22.4990, -2.8430, 1.9650

Monochromacy



Original Color

22.8350, -3.6690, 5.9230

Achromatopsia

23.0000, 0.0000, -0.0000

Achromatomaly

22.9830, -1.3300, 2.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 22.8350, -3.6690, 5.9230 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(23, 20, 37)` looks like.

```
.text, #text, p{  
    color:rgb(23, 20, 37)  
}
```

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(23, 20, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 20, 37) }
```

Border

The CSS property to change the border of an element to YIQ 22.8350, -3.6690, 5.9230 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(23, 20, 37) }
```


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

```
.border{ border-color:rgb(23, 20, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 20, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 20, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 20, 37);  
box-shadow:4px 4px 4px 4px rgb(23, 20, 37)  
}
```

Background

The CSS property to change the background color of an element to YIQ 22.8350, -3.6690, 5.9230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 20, 37) }
```

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

```
.background{ background-color: rgb(23, 20,  
37) }
```

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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