

Converting Colors

YIQ(53.5530, -2.9350, 3.6330)

Have a look what the booklet for
YIQ(53.5530, -2.9350, 3.6330)
contains.

YIQ(53.5530, -2.9350, 3.6330)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(53.5530, -2.9350,
3.6330)**

Conversions

Conversions Part 1

Format	Color
Hex	35343F
RGB	53, 52, 63
RGB Percent	21%, 20%, 25%
CMY	0.7921, 0.7961, 0.7530
CMYK	0.16, 0.17, 0.00, 0.75
HSL	245°, 10%, 23%
HSV	245°, 17%, 25%
XYZ	3.5934, 3.5717, 5.2019
YIQ	53.5530, -2.9350, 3.6330

Conversions

Conversions Part 2

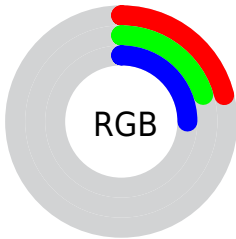
Format	Color
R_{YB}	53, 52, 63
Decimal	3486783
CIE Lab	22.20, 3.15, -6.71
CIE LCh	22, 7.409, 295.157
Yxy	3.5717, 0.2906, 0.2888
Android (android.graphics.Color)	4281676863 (0xFF35343F)
YUV	53.5530, 4.6574, -0.4850
Hunter-Lab	18.8990, 0.8658, -3.0901




Details

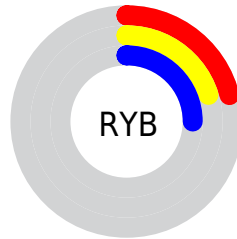
The YIQ color **53.5530, -2.9350, 3.6330** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **61.4470, 2.9350, -3.6330**, and the grayscale version is **54.0000, -0.0000, 0.0000**.



A 20% lighter version of the original color is **100.0800, -2.9810, 4.4670**, and **8.6070, -3.0270, 5.3010** is the 20% darker color. If you saturate the color by 10%, you get **48.2370, -4.8610, 5.4990**, and if you desaturate by 10%, it is **58.8690, -1.0090, 1.7670**.

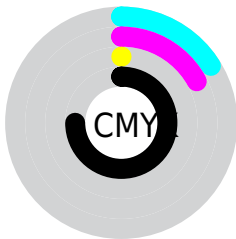
Distribution







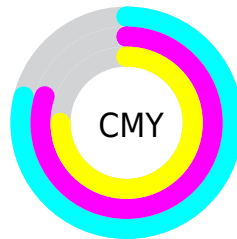
-  Red (21%)
-  Green (20%)
-  Blue (25%)






-  Red (21%)
-  Yellow (20%)
-  Blue (25%)



-  Cyan (16%)
-  Magenta (17%)
-  Yellow (0%)
-  Black (75%)



-  Cyan (79%)
-  Magenta (80%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.5530, -2.9350, 3.6330 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 53.5530, -2.9350, 3.6330 by changing the saturation by 10% instead.

■ 53.5530, -2.9350,
3.6330

■ 53.5530, -2.9350,
3.6330

■ 255.0000, -0.0000,
-0.0000

■ 32.4390, -2.6140,
3.3220

■ 100.0800, -2.9810,
4.4670

■ 8.6070, -3.0270,
5.3010

■ 125.0800, -2.9810,
4.4670

■ 0.0000, 0.0000,
0.0000

■ 150.7810, -3.5770,
4.2550

■ 177.7810, -3.5770,
4.2550

■ 205.1940, -3.3020,
4.7780

■ 233.1940, -3.3020,

4.7780

■ 53.5530, -2.9350,
3.6330

■ 53.5530, -2.9350,
3.6330

■ 48.2370, -4.8610,
5.4990

■ 58.8690, -1.0090,
1.7670

■ 42.6330, -5.9160,
8.1000

■ 64.4730, 0.0460,
-0.8340

■ 37.3170, -7.8420,
9.9660

■ 69.7890, 1.9720,
-2.7000

■ 32.0010, -9.7680,
11.8320

■ 75.1050, 3.8980,
-4.5660

■ 26.6850, -11.6940,
13.6980

■ 80.4210, 5.8240,
-6.4320

■ 21.0810, -12.7490,
16.2990

■ 86.0250, 6.8790,
-9.0330

■ 15.7650, -14.6750,
18.1650

■ 91.3410, 8.8050,
-10.8990

■ 10.4490, -16.6010,
20.0310

■ 96.6570, 10.7310,
-12.7650

■ 8.9760, -16.6470,
20.8650

■ 102.5600, 12.3820,
-15.1540

Harmonies

Analogous

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



52.7480, -7.9780, 1.4140



53.5530, -2.9350, 3.6330



53.7170, 2.4750, 4.7070

Triad

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



53.5530, -2.9350, 3.6330



53.7900, 9.3990, 0.3670



51.0590, -7.6560, -4.4240

Complementary

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



53.5530, -2.9350, 3.6330



61.4470, 2.9350, -3.6330

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.



51.9840, -3.0710, -4.9190



53.5530, -2.9350, 3.6330



52.6540, 6.7860, -1.8380

Square

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



53.5530, -2.9350, 3.6330



54.3710, 9.2610, 2.8690



52.1480, 2.3390, -3.8450



51.1450, -10.7740, -2.9820

Rectangle

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



53.5530, -2.9350, 3.6330



54.5710, 5.8220, 4.6220



52.1480, 2.3390, -3.8450



51.1300, -6.4180, -4.8340

Sweetspot

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



53.5530, -2.9350, 3.6330



78.4560, -1.2840, 1.2440



59.1240, -6.2810, -1.8090



38.6410, -0.3670, 1.1450



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



53.5530, -2.9350, 3.6330



66.6500, -4.5860, 6.0220



55.0480, 0.0450, 4.6930



28.3420, -0.9630, 0.9330



13.4070, -24.8100, 31.1420



31.2880, -59.3420, 73.2820

Inverse Universe

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



56.4290, 3.3460, 5.4420



71.2060, 5.5920, 8.7920



59.9520, -0.0450, -4.6930



29.1250, 1.1460, 1.2580



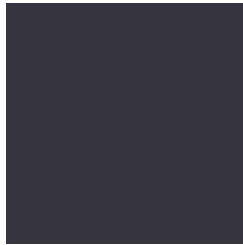
37.9100, 28.4180, 46.6740



89.4060, 67.4700, 109.8860

Previews

White Background



This preview shows how the YIQ color 53.5530, -2.9350, 3.6330 looks on a white background.

Color Contrast Check

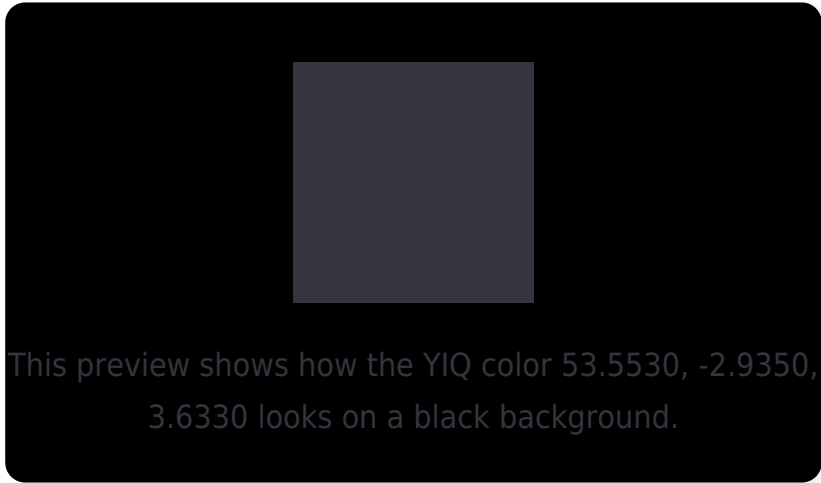
Large Text (above 18pt) WCAG AA ✓ Pass

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

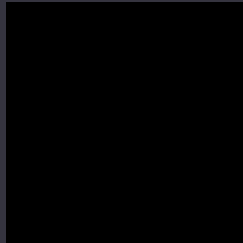
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

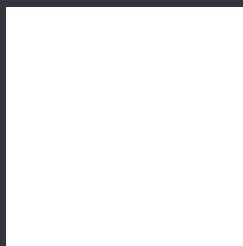
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 53.5530, -2.9350, 3.6330

Background



This preview shows how black text looks on a background with the YIQ color 53.5530, -2.9350, 3.6330.

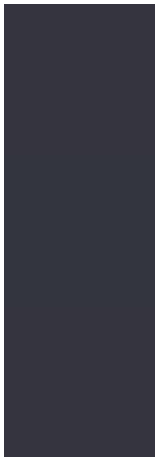


This preview shows how white text looks on a background with the YIQ color 53.5530, -2.9350,

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

53.5530, -2.9350, 3.6330

Protanopia

53.5420, -4.4020, 2.6860

Deuteranopia

53.5530, -2.9350, 3.6330



Tritanopia

53.1570, -1.8800, 1.0320

Trichromacy



Original Color

53.5530, -2.9350, 3.6330

Protanomaly

53.8410, -3.8060, 2.8980

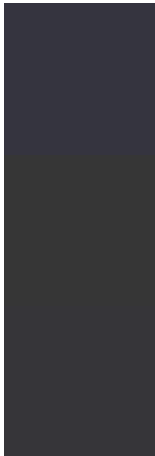
Deuteranomaly

53.5530, -2.9350, 3.6330

Tritanomaly

53.3850, -2.5220, 1.6540

Monochromacy



Original Color

53.5530, -2.9350, 3.6330

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

53.7550, -0.6880, 1.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.5530, -2.9350, 3.6330 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(53, 52, 63)` looks like.

```
.text, #text, p{  
    color:rgb(53, 52, 63)  
}
```

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(53, 52, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 52, 63) }
```

Border

The CSS property to change the border of an element to YIQ 53.5530, -2.9350, 3.6330 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(53, 52, 63) }
```


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

```
.border{ border-color:rgb(53, 52, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 52, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 52, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 52, 63);  
box-shadow:4px 4px 4px 4px rgb(53, 52, 63)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.5530, -2.9350, 3.6330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 52, 63) }
```

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

```
.background{ background-color: rgb(53, 52,  
63) }
```

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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