

Converting Colors

YIQ(53.7470, -6.2370, 8.4110)

Have a look what the booklet for
YIQ(53.7470, -6.2370, 8.4110)
contains.

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Color

**YIQ(53.7470, -6.2370,
8.4110)**

Conversions

Conversions Part 1

Format	Color
Hex	35324B
RGB	53, 50, 75
RGB Percent	21%, 20%, 29%
CMY	0.7921, 0.8039, 0.7059
CMYK	0.29, 0.33, 0.00, 0.71
HSL	247°, 20%, 25%
HSV	247°, 33%, 29%
XYZ	3.8787, 3.5460, 7.1346
YIQ	53.7470, -6.2370, 8.4110

Conversions

Conversions Part 2

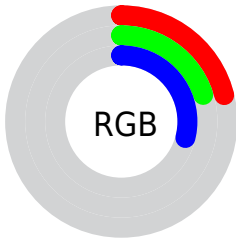
Format	Color
R_{YB}	53, 50, 75
Decimal	3486283
CIE _{Lab}	22.11, 7.87, -14.92
CIE _{LCh}	22, 16.874, 297.818
Yxy	3.5460, 0.2664, 0.2436
Android (android.graphics.Color)	4281676363 (0xFF35324B)
YUV	53.7470, 10.4777, -0.6551
Hunter-Lab	18.8308, 3.8126, -9.2822

Details

The YIQ color **53.7470, -6.2370, 8.4110** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **71.2530, 6.2370, -8.4110**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **100.3880, -6.6040, 9.5560**, and **8.2850, -4.8160, 10.1920** is the 20% darker color. If you saturate the color by 10%, you get **47.5450, -8.4840, 10.5880**, and if you desaturate by 10%, it is **59.9490, -3.9900, 6.2340**.

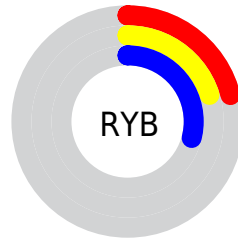
Distribution



 Red (21%)

 Green (20%)

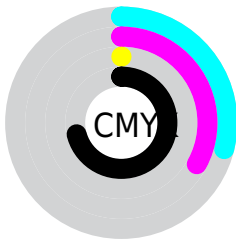
 Blue (29%)



 Red (21%)

 Yellow (20%)

 Blue (29%)

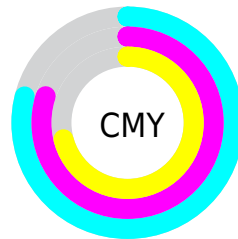


 Cyan (29%)

 Magenta (33%)

 Yellow (0%)

 Black (71%)



 Cyan (79%)

 Magenta (80%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.7470, -6.2370, 8.4110 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 53.7470, -6.2370, 8.4110 by changing the saturation by 10% instead.

■ 53.7470, -6.2370,
8.4110

■ 53.7470, -6.2370,
8.4110

■ 255.0000, -0.0000,
-0.0000

■ 32.2200, -6.1910,
7.5770

■ 100.3880, -6.6040,
9.5560

■ 8.2850, -4.8160,
10.1920

■ 125.5020, -6.9250,
9.8670

■ 0.3420, -0.9630,
0.9330

■ 151.5020, -6.9250,
9.8670

■ 0.0000, 0.0000,
0.0000

■ 178.0290, -6.9710,
10.7010

■ 206.0290, -6.9710,
10.7010

■ 233.4590, -5.3660,

9.1460

■ 53.7470, -6.2370,
8.4110

■ 53.7470, -6.2370,
8.4110

■ 47.5450, -8.4840,
10.5880

■ 59.9490, -3.9900,
6.2340

■ 41.0550, -9.8600,
13.5000

■ 66.4390, -2.6140,
3.3220

■ 34.8530, -12.1070,
15.6770

■ 72.6410, -0.3670,
1.1450

■ 28.3630, -13.4830,
18.5890

■ 79.1310, 1.0090,
-1.7670

■ 22.1610, -15.7300,
20.7660

■ 85.3330, 3.2560,
-3.9440

■ 15.3720, -17.7020,
23.4660

■ 92.1220, 5.2280,
-6.6440

■ 11.2410, -18.7110,
25.2330

■ 98.0250, 6.8790,
-9.0330

■ 104.8140, 8.8510,
-11.7330

■ 110.7170, 10.5020,
-14.1220

Harmonies

Analogous

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



50.4570, -20.2200, 3.0120



53.7470, -6.2370, 8.4110



54.8580, 6.6920, 10.8840

Triad

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



53.7470, -6.2370, 8.4110



52.7650, 19.7150, 0.6350



46.2310, -23.0600, -11.6040

Complementary

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



53.7470, -6.2370, 8.4110



71.2530, 6.2370, -8.4110

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.



48.6580, -8.2050, -10.9970



53.7470, -6.2370, 8.4110



52.2540, 13.6640, -5.3440

Square

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



53.7470, -6.2370, 8.4110



53.6390, 20.3100, 6.3740



50.9430, 4.1740, -9.5700



42.5270, -35.5770, -10.5290

Rectangle

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



53.7470, -6.2370, 8.4110



54.6800, 13.0650, 11.0250



50.9430, 4.1740, -9.5700



46.8680, -17.6040, -11.3640

Sweetspot

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



53.7470, -6.2370, 8.4110



88.4390, -2.6140, 3.3220



65.7640, -14.0750, -3.7310



43.5700, -1.6050, 1.5550



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.



53.7470, -6.2370, 8.4110



63.9410, -9.5390, 13.1890



57.3350, 0.9150, 10.9550



34.7550, -0.6880, 1.4560



15.2160, -25.5900, 34.2660



34.5920, -57.1420, 77.4660

Inverse Universe

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



59.9830, 7.8380, 12.1420



73.5370, 12.3300, 18.8420



67.6650, -0.9150, -10.9550



35.6520, 1.1000, 2.0920



40.7580, 31.9020, 49.6140



91.7980, 72.2380, 111.5820

Previews

White Background



This preview shows how the YIQ color 53.7470, -6.2370, 8.4110 looks on a white background.

Color Contrast Check

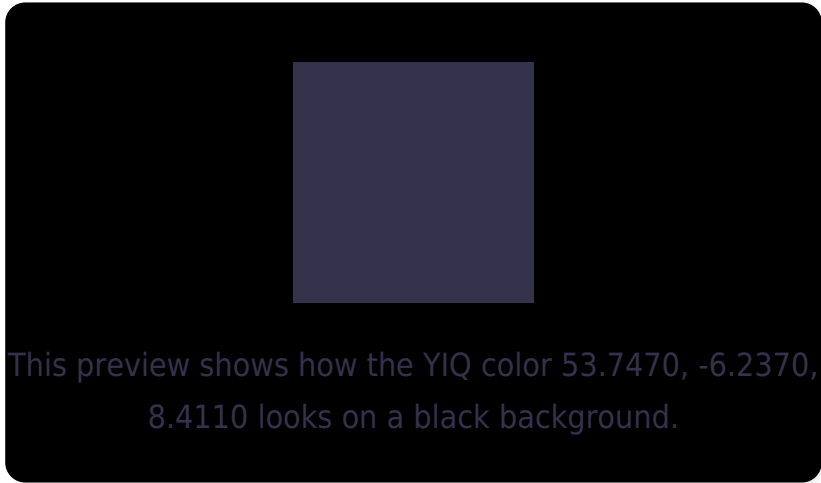
Large Text (above 18pt) WCAG AA ✓ Pass

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

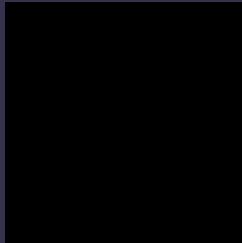
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.7470, -6.2370, 8.4110

Background



This preview shows how black text looks on a background with the YIQ color 53.7470, -6.2370, 8.4110.



This preview shows how white text looks on a background with the YIQ color 53.7470, -6.2370,

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

53.7470, -6.2370, 8.4110

Protanopia

52.7570, -12.1970, 6.2910

Deuteranopia

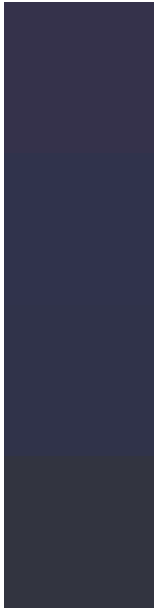
52.4150, -11.2340, 5.3580



Tritanopia

52.3740, -3.9890, 0.7070

Trichromacy



Original Color

53.7470, -6.2370, 8.4110

Protanomaly

52.9530, -9.8130, 7.1390

Deuteranomaly

52.7250, -9.1710, 6.5170

Tritanomaly

52.7700, -5.0440, 3.3080

Monochromacy



Original Color

53.7470, -6.2370, 8.4110

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

54.3250, -2.2930, 3.0110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.7470, -6.2370, 8.4110 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, 50, 75)` looks like.

```
.text, #text, p{  
    color:rgb(53, 50, 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(53, 50, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 50, 75) }
```

Border

The CSS property to change the border of an element to YIQ 53.7470, -6.2370, 8.4110 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, 50, 75) }
```


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

```
.border{ border-color:rgb(53, 50, 75) }
```

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

Here you see how a box with a 4 pixel rgb(53, 50, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 50, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 50, 75);  
box-shadow:4px 4px 4px 4px rgb(53, 50, 75)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.7470, -6.2370, 8.4110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 50, 75) }
```

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

```
.background{ background-color: rgb(53, 50,  
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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