

Converting Colors

YIQ(54.2750, 1.1440, 12.3120)

Have a look what the booklet for
YIQ(54.2750, 1.1440, 12.3120)
contains.

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Color

**YIQ(54.2750, 1.1440,
12.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	3F2E4A
RGB	63, 46, 74
RGB Percent	25%, 18%, 29%
CMY	0.7529, 0.8196, 0.7098
CMYK	0.15, 0.38, 0.00, 0.71
HSL	276°, 23%, 24%
HSV	276°, 38%, 29%
XYZ	4.2634, 3.5050, 6.9296
YIQ	54.2750, 1.1440, 12.3120

Conversions

Conversions Part 2

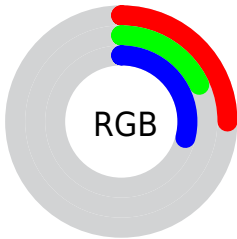
Format	Color
RYB	63, 46, 74
Decimal	4140618
CIELab	21.96, 14.02, -14.40
CIELCh	22, 20.099, 314.244
Yxy	3.5050, 0.2901, 0.2385
Android (android.graphics.Color)	4282330698 (0xFF3F2E4A)
YUV	54.2750, 9.7244, 7.6518
Hunter-Lab	18.7217, 7.8862, -8.8402

Details

The YIQ color **54.2750, 1.1440, 12.3120** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **65.7250, -1.1440, -12.3120**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **101.2150, 1.3730, 13.6690**, and **9.9980, 3.4820, 13.9940** is the 20% darker color. If you saturate the color by 10%, you get **49.2690, 1.2810, 15.3370**, and if you desaturate by 10%, it is **59.2810, 1.0070, 9.2870**.

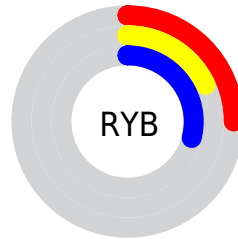
Distribution



 Red (25%)

 Green (18%)

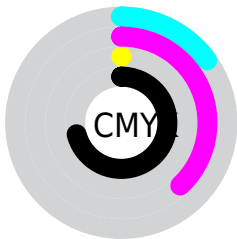
 Blue (29%)





 Red (25%)

 Yellow (18%)

 Blue (29%)

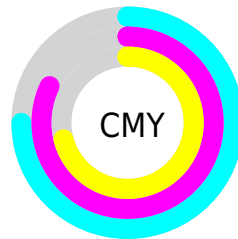


 Cyan (15%)

 Magenta (38%)

 Yellow (0%)

 Black (71%)



 Cyan (75%)

 Magenta (82%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.2750, 1.1440, 12.3120 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 54.2750, 1.1440, 12.3120 by changing the saturation by 10% instead.

■ 54.2750, 1.1440,
12.3120

■ 54.2750, 1.1440,
12.3120

■ 255.0000, -0.0000,
-0.0000

■ 32.7480, 1.1900,
11.4780

■ 101.2150, 1.3730,
13.6690

■ 9.9980, 3.4820,
13.9940

■ 126.6280, 1.6480,
14.1920

■ 0.1140, -0.3210,
0.3110

■ 152.0410, 1.9230,
14.7150

■ 0.0000, 0.0000,
0.0000

■ 179.1550, 1.6020,
15.0260

■ 206.5680, 1.8770,
15.5490

■ 234.4110, 3.7570,

14.5170

253.8260, 0.5500,
1.0460

■ 54.2750, 1.1440,
12.3120

■ 54.2750, 1.1440,
12.3120

■ 49.2690, 1.2810,
15.3370

■ 59.2810, 1.0070,
9.2870

■ 43.6760, 1.6930,
18.8850

■ 64.8740, 0.5950,
5.7390

■ 38.6700, 1.8300,
21.9100

■ 69.8800, 0.4580,
2.7140

■ 33.0770, 2.2420,
25.4580

■ 75.4730, 0.0460,
-0.8340

■ 28.3700, 2.9750,
28.6950

■ 80.4790, -0.0910,
-3.8590

■ 23.3640, 3.1120,
31.7200

■ 85.1860, -0.8240,
-7.0960

■ 21.8910, 3.0660,
32.5540

■ 90.7790, -1.2360,
-10.6440

■ 95.7850, -1.3730,
-13.6690

■ 101.3780, -1.7850,
-17.2170

Harmonies

Analogous

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



52.0170, -15.8650, 6.6870



54.2750, 1.1440, 12.3120



53.7450, 14.4400, 13.6400

Triad

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



54.2750, 1.1440, 12.3120



51.8310, 19.3490, -3.7470



41.9460, -35.4390, -13.0310

Complementary

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



54.2750, 1.1440, 12.3120



65.7250, -1.1440, -12.3120

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.



45.3190, -20.4920, -14.0920



54.2750, 1.1440, 12.3120



50.7650, 10.5470, -9.4290

Square

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



54.2750, 1.1440, 12.3120



52.7980, 24.1160, 3.4760



48.9420, -3.2530, -12.6370



42.9550, -39.6580, -8.1540

Rectangle

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



54.2750, 1.1440, 12.3120



53.2140, 20.3090, 11.9010



48.9420, -3.2530, -12.6370



41.3760, -33.8340, -14.5860

Sweetspot

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



54.2750, 1.1440, 12.3120



89.3470, 0.6410, 4.9050



55.6490, -12.0130, 2.9550



43.8800, 0.4580, 2.7140



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.



54.2750, 1.1440, 12.3120



66.0890, 1.9680, 19.4080



57.2220, 8.6630, 13.7110



35.3530, 0.5040, 1.8800



30.1660, 4.2100, 44.8660



68.0800, 9.6100, 101.2100

Inverse Universe

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



55.6260, 13.1570, 9.3570



68.0940, 20.7670, 14.6150



62.7780, -8.6630, -13.7110



35.4240, 1.7420, 1.4700



35.0580, 47.9520, 34.0640



79.0300, 108.1900, 76.7500

Previews

White Background



This preview shows how the YIQ color 54.2750, 1.1440, 12.3120 looks on a white background.

Color Contrast Check

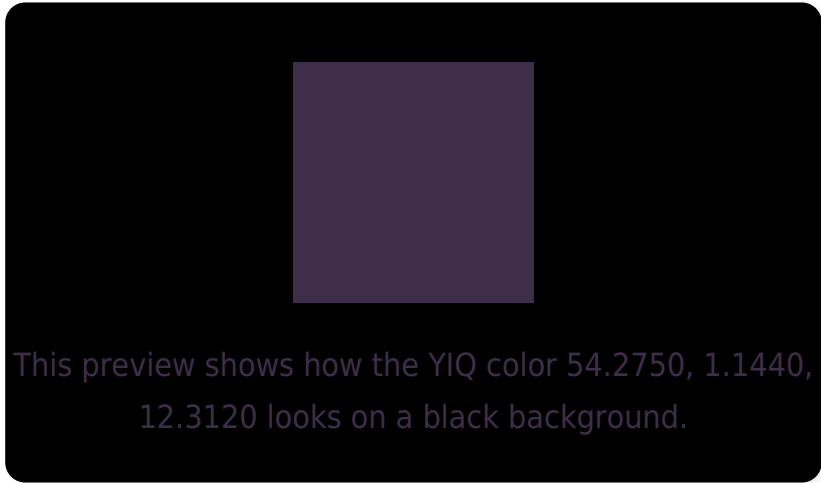
Large Text (above 18pt) WCAG AA ✓ Pass

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

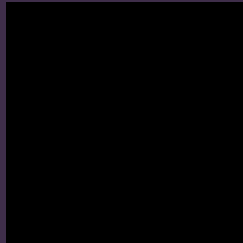
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 54.2750, 1.1440, 12.3120

Background



This preview shows how black text looks on a background with the YIQ color 54.2750, 1.1440, 12.3120.



This preview shows how white text looks on a background with the YIQ color 54.2750, 1.1440,

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

54.2750, 1.1440, 12.3120

Protanopia

52.6860, -13.4350, 6.7010

Deuteranopia

52.6000, -10.3170, 5.2590



Tritanopia

53.4460, 4.6760, 3.3640

Trichromacy



Original Color

54.2750, 1.1440, 12.3120

Protanomaly

53.3770, -8.0710, 8.6090

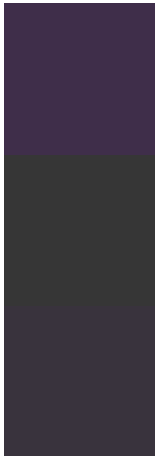
Deuteranomaly

53.2200, -6.1910, 7.5770

Tritanomaly

53.9560, 3.3000, 6.2760

Monochromacy



Original Color

54.2750, 1.1440, 12.3120

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

53.9340, 0.3660, 4.3820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.2750, 1.1440, 12.3120 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(63, 46, 74)` looks like.

```
.text, #text, p{  
    color:rgb(63, 46, 74)  
}
```

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(63, 46, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 46, 74) }
```

Border

The CSS property to change the border of an element to YIQ 54.2750, 1.1440, 12.3120 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(63, 46, 74) }
```


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

```
.border{ border-color:rgb(63, 46, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 46, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 46, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 46, 74);  
box-shadow:4px 4px 4px 4px rgb(63, 46, 74)  
}
```

Background

The CSS property to change the background color of an element to YIQ 54.2750, 1.1440, 12.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 46, 74) }
```

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

```
.background{ background-color: rgb(63, 46,  
74) }
```

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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