

Converting Colors

YIQ(55.0400, -5.5040, 11.6480)

Have a look what the booklet for
YIQ(55.0400, -5.5040, 11.6480)
contains.

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Color

**YIQ(55.0400, -5.5040,
11.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	393151
RGB	57, 49, 81
RGB Percent	22%, 19%, 32%
CMY	0.7764, 0.8079, 0.6824
CMYK	0.30, 0.40, 0.00, 0.68
HSL	255°, 25%, 25%
HSV	255°, 40%, 32%
XYZ	4.2708, 3.6604, 8.2637
YIQ	55.0400, -5.5040, 11.6480

Conversions

Conversions Part 2

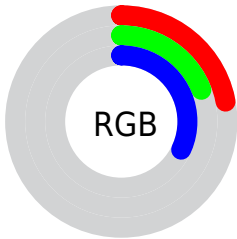
Format	Color
R_{YB}	57, 49, 81
Decimal	3748177
CIE Lab	22.52, 11.74, -18.27
CIE LCh	23, 21.720, 302.729
Yxy	3.6604, 0.2637, 0.2260
Android (android.graphics.Color)	4281938257 (0xFF393151)
YUV	55.0400, 12.7983, 1.7189
Hunter-Lab	19.1322, 6.3649, -12.2163

Details

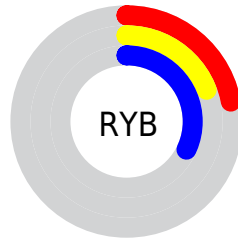
The YIQ color **55.0400, -5.5040, 11.6480** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **74.9600, 5.5040, -11.6480**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.9800, -5.2750, 13.0050**, and **10.0620, -2.5700, 13.5420** is the 20% darker color. If you saturate the color by 10%, you get **48.5500, -6.8800, 14.5600**, and if you desaturate by 10%, it is **61.5300, -4.1280, 8.7360**.

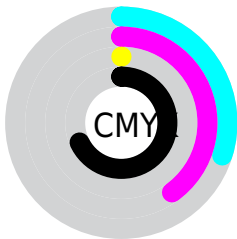
Distribution



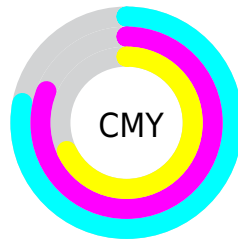
- Red (22%)
- Green (19%)
- Blue (32%)



- Red (22%)
- Yellow (19%)
- Blue (32%)



- Cyan (30%)
- Magenta (40%)
- Yellow (0%)
- Black (68%)



- Cyan (78%)
- Magenta (81%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.0400, -5.5040, 11.6480 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 55.0400, -5.5040, 11.6480 by changing the saturation by 10% instead.

■ 55.0400, -5.5040,
11.6480

■ 55.0400, -5.5040,
11.6480

■ 255.0000, -0.0000,
-0.0000

■ 33.5130, -5.4580,
10.8140

■ 101.9800, -5.2750,
13.0050

■ 10.0620, -2.5700,
13.5420

■ 127.2080, -5.9170,
13.6270

■ 2.0690, -4.4480,
3.5200

■ 153.6210, -5.6420,
14.1500

■ 0.0000, 0.0000,
0.0000

■ 180.0340, -5.3670,
14.6730

■ 207.8490, -6.2840,
14.7720

■ 234.6660, -1.5150,

10.9410

■ 55.0400, -5.5040,
11.6480

■ 55.0400, -5.5040,
11.6480

■ 48.5500, -6.8800,
14.5600

■ 61.5300, -4.1280,
8.7360

■ 42.0600, -8.2560,
17.4720

■ 68.0200, -2.7520,
5.8240

■ 35.5700, -9.6320,
20.3840

■ 74.5100, -1.3760,
2.9120

■ 29.0800, -11.0080,
23.2960

■ 81.0000, -0.0000,
0.0000

■ 22.5900, -12.3840,
26.2080

■ 87.4900, 1.3760,
-2.9120

■ 15.5130, -13.4850,
29.6430

■ 94.5670, 2.4770,
-6.3470

■ 15.2140, -14.0810,
29.4310

■ 101.3560, 4.4490,
-9.0470

■ 107.8460, 5.8250,
-11.9590

■ 114.3360, 7.2010,
-14.8710

Harmonies

Analogous

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



50.7600, -25.4470, 4.1290



55.0400, -5.5040, 11.6480



55.5320, 10.7260, 14.8700

Triad

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



55.0400, -5.5040, 11.6480



53.4510, 23.4750, -1.4290



42.6640, -34.7050, -15.3210

Complementary

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



55.0400, -5.5040, 11.6480



74.9600, 5.5040, -11.6480

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.



47.3150, -14.6690, -14.9970



55.0400, -5.5040, 11.6480



52.0430, 15.6360, -8.0440

Square

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



55.0400, -5.5040, 11.6480



53.6890, 26.0410, 7.1370



50.4650, 2.5240, -12.7080



44.4880, -39.8410, -10.3450

Rectangle

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



55.0400, -5.5040, 11.6480



55.1970, 18.9790, 13.9790



50.4650, 2.5240, -12.7080



42.5780, -31.5870, -16.7630

Sweetspot

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



55.0400, -5.5040, 11.6480



94.3790, -2.3850, 4.6790



66.7360, -16.8720, -2.6000



47.5100, -1.3760, 2.9120



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



55.0400, -5.5040, 11.6480



64.5870, -8.3020, 18.3060



59.8240, 4.0320, 15.0400



37.7550, -0.6880, 1.4560



19.7440, -18.2090, 38.1670



43.7900, -39.9040, 84.4480

Inverse Universe

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



61.3040, 11.3680, 14.2480



74.1680, 17.9230, 22.1070



70.1760, -4.0320, -15.0400



38.5380, 1.4210, 1.7810



40.2870, 37.5420, 46.5180



89.2040, 82.4180, 103.2980

Previews

White Background



This preview shows how the YIQ color 55.0400, -5.5040, 11.6480 looks on a white background.

Color Contrast Check

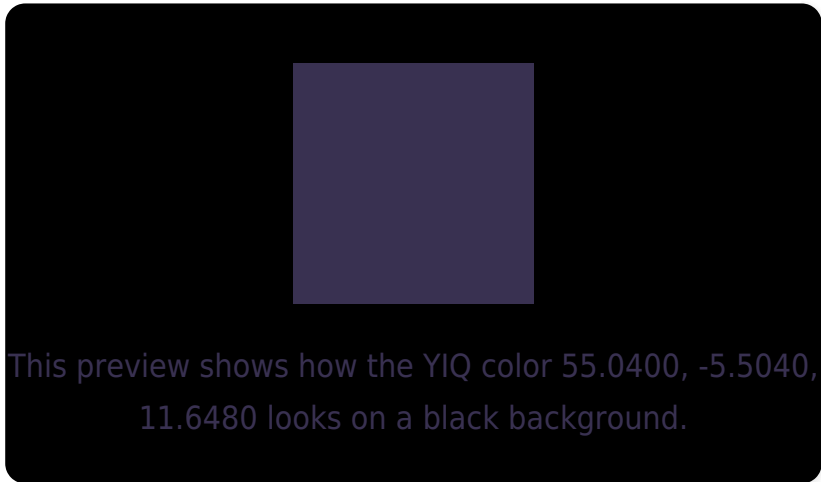
Large Text (above 18pt) WCAG AA ✓ Pass

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

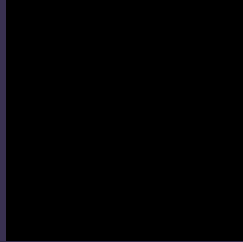
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.0400, -5.5040, 11.6480

Background



This preview shows how black text looks on a background with the YIQ color 55.0400, -5.5040, 11.6480.



This preview shows how white text looks on a background with the YIQ color 55.0400, -5.5040,

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

55.0400, -5.5040, 11.6480

Protanopia

53.2450, -16.5070, 7.3090

Deuteranopia

53.3760, -15.4980, 5.5420



Tritanopia

53.8580, -2.4760, 0.8200

Trichromacy



Original Color

55.0400, -5.5040, 11.6480

Protanomaly

54.0390, -12.9310, 8.5810

Deuteranomaly

53.6970, -11.9680, 7.6480

Tritanomaly

54.1940, -3.3020, 4.7780

Monochromacy



Original Color

55.0400, -5.5040, 11.6480

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.1510, -1.7430, 4.0570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.0400, -5.5040, 11.6480 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(57, 49, 81)` looks like.

```
.text, #text, p{  
    color:rgb(57, 49, 81)  
}
```

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(57, 49, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 49, 81) }
```

Border

The CSS property to change the border of an element to YIQ 55.0400, -5.5040, 11.6480 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(57, 49, 81) }
```


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

```
.border{ border-color:rgb(57, 49, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 49, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 49, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 49, 81);  
box-shadow:4px 4px 4px 4px rgb(57, 49, 81)  
}
```

Background

The CSS property to change the background color of an element to YIQ 55.0400, -5.5040, 11.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 49, 81) }
```

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

```
.background{ background-color: rgb(57, 49,  
81) }
```

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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