

Converting Colors

YIQ(55.0650, -15.8200, 11.3800)

Have a look what the booklet for
YIQ(55.0650, -15.8200, 11.3800)
contains.

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Color

**YIQ(55.0650, -15.8200,
11.3800)**

Conversions

Conversions Part 1

Format	Color
Hex	2F345C
RGB	47, 52, 92
RGB Percent	18%, 20%, 36%
CMY	0.8157, 0.7961, 0.6393
CMYK	0.49, 0.43, 0.00, 0.64
HSL	233°, 32%, 27%
HSV	233°, 49%, 36%
XYZ	4.3313, 3.8329, 10.6313
YIQ	55.0650, -15.8200, 11.3800

Conversions

Conversions Part 2

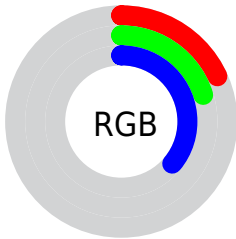
Format	Color
R_{YB}	47, 52, 92
Decimal	3093596
CIE _{Lab}	23.11, 10.01, -24.66
CIE _{LCh}	23, 26.616, 292.090
Yxy	3.8329, 0.2304, 0.2039
Android (android.graphics.Color)	4281283676 (0xFF2F345C)
YUV	55.0650, 18.2090, -7.0730
Hunter-Lab	19.5778, 5.2291, -18.4917

Details

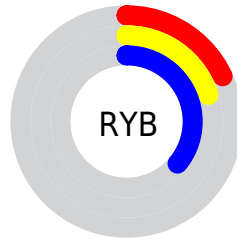
The YIQ color **55.0650, -15.8200, 11.3800** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **83.9350, 15.8200, -11.3800**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.5320, -15.6370, 13.5710**, and **9.6520, -16.0950, 10.8570** is the 20% darker color. If you saturate the color by 10%, you get **47.6780, -18.9840, 13.6560**, and if you desaturate by 10%, it is **62.4520, -12.6560, 9.1040**.

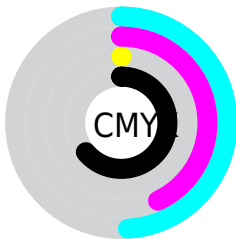
Distribution



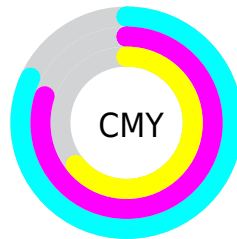
- Red (18%)
- Green (20%)
- Blue (36%)



- Red (18%)
- Yellow (20%)
- Blue (36%)



- Cyan (49%)
- Magenta (43%)
- Yellow (0%)
- Black (64%)



- Cyan (82%)
- Magenta (80%)
- Yellow (64%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.0650, -15.8200, 11.3800 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 55.0650, -15.8200, 11.3800 by changing the saturation by 10% instead.

■ 55.0650, -15.8200,
11.3800

■ 55.0650, -15.8200,
11.3800

■ 255.0000, -0.0000,
-0.0000

■ 32.8260, -16.6450,
9.8110

■ 102.5320,
-15.6370, 13.5710

■ 9.6520, -16.0950,
10.8570

■ 127.6460,
-15.9580, 13.8820

■ 3.4370, -8.3000,
7.2520

■ 154.0590,
-15.6830, 14.4050

■ 0.0000, 0.0000,
0.0000

■ 180.5860,
-15.7290, 15.2390

■ 208.4010,
-16.6460, 15.3380

■ 233.7360, -7.7040,

7.4640

■ 55.0650, -15.8200,
11.3800

■ 55.0650, -15.8200,
11.3800

■ 47.6780, -18.9840,
13.6560

■ 62.4520, -12.6560,
9.1040

■ 40.2910, -22.1480,
15.9320

■ 69.8390, -9.4920,
6.8280

■ 32.0180, -25.6330,
18.5190

■ 78.1120, -6.0070,
4.2410

■ 24.6310, -28.7970,
20.7950

■ 85.4990, -2.8430,
1.9650

■ 17.2440, -31.9610,
23.0710

■ 92.8860, 0.3210,
-0.3110

■ 16.3580, -32.2820,
23.3820

■ 100.2730, 3.4850,
-2.5870

■ 107.6600, 6.6490,
-4.8630

■ 115.3460, 10.4090,
-6.9270

■ 123.3200, 13.2980,
-9.7260

Harmonies

Analogous

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



45.3490, -46.3990, -1.6230



55.0650, -15.8200, 11.3800



57.0740, 6.3240, 17.5560

Triad

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



55.0650, -15.8200, 11.3800



54.5660, 30.5810, 1.9490



43.7410, -33.6040, -18.7560

Complementary

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



55.0650, -15.8200, 11.3800



83.9350, 15.8200, -11.3800

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.



48.4740, -10.8630, -17.8950



55.0650, -15.8200, 11.3800



53.3490, 23.5220, -7.7900

Square

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



55.0650, -15.8200, 11.3800



54.4880, 31.2210, 12.3810



51.4180, 9.9060, -14.3340



46.0210, -40.0240, -12.5360

Rectangle

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



55.0650, -15.8200, 11.3800



56.0600, 18.1070, 18.7710



51.4180, 9.9060, -14.3340



42.3560, -31.0820, -20.4100

Sweetspot

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



55.0650, -15.8200, 11.3800



105.2260, -6.3280, 4.5520



77.9750, -25.2150, -11.0950



51.8410, -3.8060, 2.8980



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



55.0650, -15.8200, 11.3800



61.7900, -24.9910, 17.8970



57.2130, -4.3130, 17.5990



42.1570, -1.8800, 1.0320



19.5840, -38.6100, 27.9340



42.2800, -83.2270, 60.1090

Inverse Universe

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



61.0250, 25.2150, 11.0950



71.1410, 39.7480, 17.5400



81.7870, 4.3130, -17.5990



42.6090, 2.6590, 1.3710



34.2580, 61.7080, 27.0520



73.8270, 132.9060, 58.3300

Previews

White Background



This preview shows how the YIQ color 55.0650, -15.8200, 11.3800 looks on a white background.

Color Contrast Check

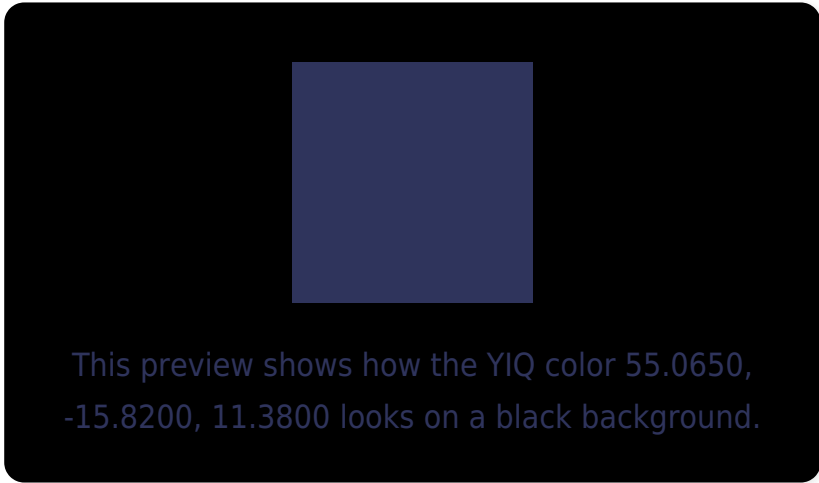
Large Text (above 18pt) WCAG AA ✓ Pass

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

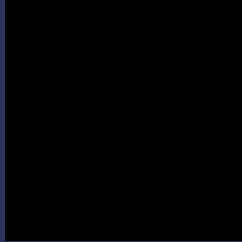
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.0650, -15.8200, 11.3800

Background



This preview shows how black text looks on a background with the YIQ color 55.0650, -15.8200, 11.3800.



This preview shows how white text looks on a background with the YIQ color 55.0650, -15.8200,

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

55.0650, -15.8200, 11.3800

Protanopia

53.7760, -22.3760, 9.0480

Deuteranopia

52.2270, -25.2640, 6.3200



Tritanopia

52.5900, -13.5250, -2.6850

Trichromacy



Original Color

55.0650, -15.8200, 11.3800

Protanomaly

53.9720, -19.9920, 9.8960

Deuteranomaly

53.1350, -22.0090, 7.9030

Tritanomaly

53.5670, -14.7180, 2.4180

Monochromacy



Original Color

55.0650, -15.8200, 11.3800

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9980, -5.6860, 3.9300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.0650, -15.8200, 11.3800 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(47, 52, 92)` looks like.

```
.text, #text, p{  
    color:rgb(47, 52, 92)  
}
```

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(47, 52, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 52, 92) }
```

Border

The CSS property to change the border of an element to YIQ 55.0650, -15.8200, 11.3800 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(47, 52, 92) }
```


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

```
.border{ border-color:rgb(47, 52, 92) }
```

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

Here you see how a box with a 4 pixel rgb(47, 52, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 52, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 52, 92);  
box-shadow:4px 4px 4px 4px rgb(47, 52, 92)  
}
```

Background

The CSS property to change the background color of an element to YIQ 55.0650, -15.8200, 11.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 52, 92) }
```

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

```
.background{ background-color: rgb(47, 52,  
92) }
```

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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