

Converting Colors

YIQ(55.2750, -25.2190, 11.0130)

Have a look what the booklet for
YIQ(55.2750, -25.2190, 11.0130)
contains.

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Color

**YIQ(55.2750, -25.2190,
11.0130)**

Conversions

Conversions Part 1

Format	Color
Hex	263766
RGB	38, 55, 102
RGB Percent	15%, 22%, 40%
CMY	0.8510, 0.7843, 0.6001
CMYK	0.63, 0.46, 0.00, 0.60
HSL	224°, 46%, 27%
HSV	224°, 63%, 40%
XYZ	4.5623, 4.1037, 13.1130
YIQ	55.2750, -25.2190, 11.0130

Conversions

Conversions Part 2

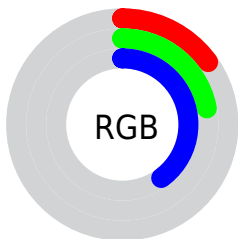
Format	Color
R_{YB}	38, 51, 102
Decimal	2504550
CIE Lab	24.01, 9.25, -29.78
CIE LCh	24, 31.185, 287.254
Yxy	4.1037, 0.2095, 0.1884
Android (android.graphics.Color)	4280694630 (0xFF263766)
YUV	55.2750, 23.0354, -15.1502
Hunter-Lab	20.2576, 4.7500, -24.1987

Details

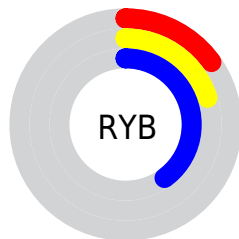
The YIQ color **55.2750, -25.2190, 11.0130** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **84.7250, 25.2190, -11.0130**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.3400, -23.8440, 13.6280**, and **13.3140, -20.9550, 10.8290** is the 20% darker color. If you saturate the color by 10%, you get **48.1760, -29.2540, 12.5540**, and if you desaturate by 10%, it is **62.3740, -21.1840, 9.4720**.

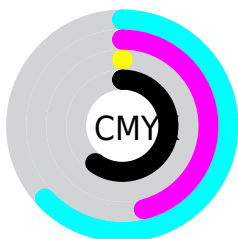
Distribution



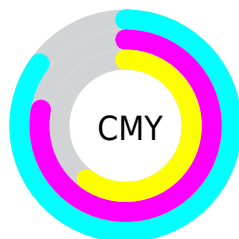
- Red (15%)
- Green (22%)
- Blue (40%)



- Red (15%)
- Yellow (20%)
- Blue (40%)



- Cyan (63%)
- Magenta (46%)
- Yellow (0%)
- Black (60%)



- Cyan (85%)
- Magenta (78%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.2750, -25.2190, 11.0130 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 55.2750, -25.2190, 11.0130 by changing the saturation by 10% instead.

■ 55.2750, -25.2190,
11.0130

■ 55.2750, -25.2190,
11.0130

■ 255.0000, -0.0000,
-0.0000

■ 30.9430, -30.2160,
7.9600

■ 103.3400,
-23.8440, 13.6280

■ 13.3140, -20.9550,
10.8290

■ 128.8670,
-23.8900, 14.4620

■ 4.9360, -11.1430,
9.2170

■ 155.3940,
-23.9360, 15.2960

■ 0.5700, -1.6050,
1.5550

■ 182.5080,
-24.2570, 15.6070

■ 0.0000, 0.0000,
0.0000

■ 208.8950,
-21.0930, 13.3310

■ 234.2900,

-12.3800, 4.1000

254.7010, -0.5960,
-0.2120

■ 55.2750, -25.2190,
11.0130

■ 55.2750, -25.2190,
11.0130

■ 48.1760, -29.2540,
12.5540

■ 62.3740, -21.1840,
9.4720

■ 40.4900, -33.0140,
14.6180

■ 70.0600, -17.4240,
7.4080

■ 33.0920, -37.6450,
15.9470

■ 77.4580, -12.7930,
6.0790

■ 27.4770, -40.1670,
17.6010

■ 85.1440, -9.0330,
4.0150

■ 92.2430, -4.9980,
2.4740

■ 99.9290, -1.2380,
0.4100

■ 107.0280, 2.7970,
-1.1310

■ 115.0130, 7.1530,
-2.9830

■ 122.1120, 11.1880,
-4.5240

Harmonies

Analogous

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



48.7230, -50.3880, -0.9160



55.2750, -25.2190, 11.0130



58.9860, 3.7560, 20.0440

Triad

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



55.2750, -25.2190, 11.0130



55.6700, 36.2200, 4.3800



45.1600, -33.4660, -21.2580

Complementary

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



55.2750, -25.2190, 11.0130



84.7250, 25.2190, -11.0130

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.



49.1490, -8.5700, -20.9060



55.2750, -25.2190, 11.0130



54.6440, 29.9410, -8.4830

Square

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



55.2750, -25.2190, 11.0130



56.1620, 35.2550, 16.3670



52.7620, 14.6290, -17.3310



47.8960, -41.1700, -13.7940

Rectangle

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



55.2750, -25.2190, 11.0130



58.4670, 18.5190, 22.3190



52.7620, 14.6290, -17.3310



43.6610, -30.6230, -23.2230

Sweetspot

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



55.2750, -25.2190, 11.0130



114.0730, -10.2710, 4.4250



80.9260, -32.6870, -18.8550



55.0580, -5.9150, 2.5730



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



55.2750, -25.2190, 11.0130



60.2490, -39.5250, 16.9790



49.7810, -11.6040, 23.0840



47.1570, -1.8800, 1.0320



31.3070, -45.4400, 19.5520



65.1560, -95.2820, 41.7900

Inverse Universe

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



59.0740, 32.6870, 18.8550



65.9780, 50.9330, 29.5970



90.2190, 11.6040, -23.0840



47.6090, 2.6590, 1.3710



37.9190, 58.5890, 34.0210



79.6540, 123.6880, 71.2080

Previews

White Background



This preview shows how the YIQ color 55.2750, -25.2190, 11.0130 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



This preview shows how the YIQ color 55.2750, -25.2190, 11.0130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

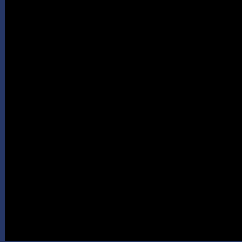
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.2750, -25.2190, 11.0130

Background



This preview shows how black text looks on a background with the YIQ color 55.2750, -25.2190, 11.0130.



This preview shows how white text looks on a background with the YIQ color 55.2750, -25.2190,

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

55.2750, -25.2190, 11.0130

Protanopia

55.0790, -27.6030, 10.1650

Deuteranopia

50.6430, -38.2390, 4.6810



Tritanopia

50.7130, -27.2330, -7.5610

Trichromacy



Original Color

55.2750, -25.2190, 11.0130

Protanomaly

55.3780, -27.0070, 10.3770

Deuteranomaly

52.4480, -33.1960, 6.9000

Tritanomaly

52.4130, -26.0880, -0.7760

Monochromacy



Original Color

55.2750, -25.2190, 11.0130

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.1440, -9.0330, 4.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.2750, -25.2190, 11.0130 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(38, 55, 102)` looks like.

```
.text, #text, p{  
    color:rgb(38, 55, 102)  
}
```

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(38, 55, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 55, 102) }
```

Border

The CSS property to change the border of an element to YIQ 55.2750, -25.2190, 11.0130 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(38, 55, 102) }
```


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

```
.border{ border-color:rgb(38, 55, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 55, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 55, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 55, 102);  
box-shadow:4px 4px 4px 4px rgb(38, 55,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 55.2750, -25.2190, 11.0130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 55, 102) }
```

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

```
.background{ background-color: rgb(38, 55,  
102) }
```

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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