

Converting Colors

YIQ(38.9750, -25.2150,
-11.0950)

Have a look what the booklet for
YIQ(38.9750, -25.2150, -11.0950)
contains.

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Color

**YIQ(38.9750, -25.2150,
-11.0950)**

Conversions

Conversions Part 1

Format	Color
Hex	083530
RGB	8, 53, 48
RGB Percent	3%, 21%, 19%
CMY	0.9687, 0.7921, 0.8119
CMYK	0.85, 0.00, 0.10, 0.79
HSL	173°, 74%, 12%
HSV	173°, 85%, 21%
XYZ	1.9067, 2.8126, 3.2360
YIQ	38.9750, -25.2150, -11.0950

Conversions

Conversions Part 2

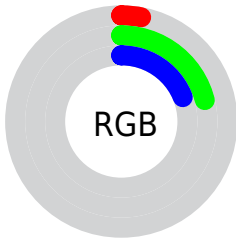
Format	Color
R_{YB}	8, 32, 53
Decimal	537904
CIE Lab	19.28, -16.20, -1.13
CIE LCh	19, 16.237, 183.985
Yxy	2.8126, 0.2397, 0.3535
Android (android.graphics.Color)	4278727984 (0xFF083530)
YUV	38.9750, 4.4493, -27.1651
Hunter-Lab	16.7707, -9.0542, 0.2991

Details

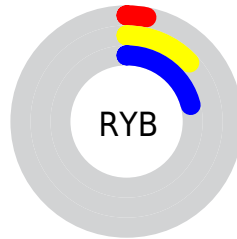
The YIQ color **38.9750, -25.2150, -11.0950** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **22.0250, 25.2150, 11.0950**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **86.7580, -23.1060, -10.7700**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.3660, -27.8740, -12.4660**, and if you desaturate by 10%, it is **40.5840, -22.5560, -9.7240**.

Distribution



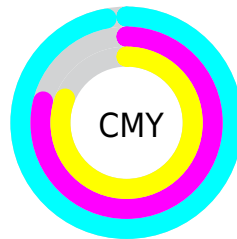
- Red (3%)
- Green (21%)
- Blue (19%)



- Red (3%)
- Yellow (13%)
- Blue (21%)



- Cyan (85%)
- Magenta (0%)
- Yellow (10%)
- Black (79%)



- Cyan (97%)
- Magenta (79%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 38.9750, -25.2150, -11.0950 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 38.9750, -25.2150, -11.0950 by changing the saturation by 10% instead.

■ 38.9750, -25.2150,
-11.0950

■ 38.9750, -25.2150,
-11.0950

■ 252.0100, -5.9600,
-2.1200

■ 21.8620, -17.4670,
-8.3390

■ 86.7580, -23.1060,
-10.7700

■ 0.0000, 0.0000,
0.0000

■ 111.7580,
-23.1060, -10.7700

■ 137.3450,
-23.3810, -11.2930

■ 164.0460,
-23.9770, -11.5050

■ 190.7470,
-24.5730, -11.7170

■ 219.3340,

-24.8480, -12.2400

■ 243.3390,
-23.2440, -8.2680

■ 38.9750, -25.2150,
-11.0950

■ 38.9750, -25.2150,
-11.0950

■ 37.3660, -27.8740,
-12.4660

■ 40.5840, -22.5560,
-9.7240

■ 36.4690, -29.6620,
-13.1020

■ 42.3780, -18.9800,
-8.4520

■ 43.9870, -16.3210,
-7.0810

■ 45.4820, -13.3410,
-6.0210

■ 47.0910, -10.6820,
-4.6500

■ 48.9990, -7.4270,
-3.0670

■ 50.4940, -4.4470,
-2.0070

■ 52.1030, -1.7880,
-0.6360

■ 53.8970, 1.7880,
0.6360

Harmonies

Analogous

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



42.4020, -10.3600, -10.4880



38.9750, -25.2150, -11.0950



37.9510, -33.8350, -9.0590

Triad

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



38.9750, -25.2150, -11.0950



47.7150, -3.2110, 8.6370



46.4550, 17.6520, -0.5240

Complementary

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



38.9750, -25.2150, -11.0950



22.0250, 25.2150, 11.0950

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.



47.4000, 19.4850, 4.8050



38.9750, -25.2150, -11.0950



48.2280, 8.5260, 10.6860

Square

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



38.9750, -25.2150, -11.0950



45.1370, -16.3230, 3.9730



47.5940, 16.1830, 9.5830



46.0580, 11.2800, -6.1920

Rectangle

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



38.9750, -25.2150, -11.0950



38.6460, -34.2940, -6.2460



47.5940, 16.1830, 9.5830



46.6940, 18.4770, 1.0450

Sweetspot

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



38.9750, -25.2150, -11.0950



63.6890, -9.4900, -4.2260



35.9100, -9.3950, -22.4750



32.5970, -6.2350, -2.6430



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



38.9750, -25.2150, -11.0950



47.4570, -38.5560, -17.1160



29.5660, -22.1450, -0.6490



24.9890, -1.4670, -0.9470



61.2490, -49.8340, -21.9780



149.2670, -121.3070, -53.7790

Inverse Universe

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



22.0250, 25.2150, 11.0950



21.5430, 38.5560, 17.1160



31.4340, 22.1450, 0.6490



23.8970, 1.7880, 0.6360



27.7510, 49.8340, 21.9780



67.6190, 121.6280, 53.4680

Previews

White Background



This preview shows how the YIQ color 38.9750, -25.2150, -11.0950 looks on a white background.

Color Contrast Check

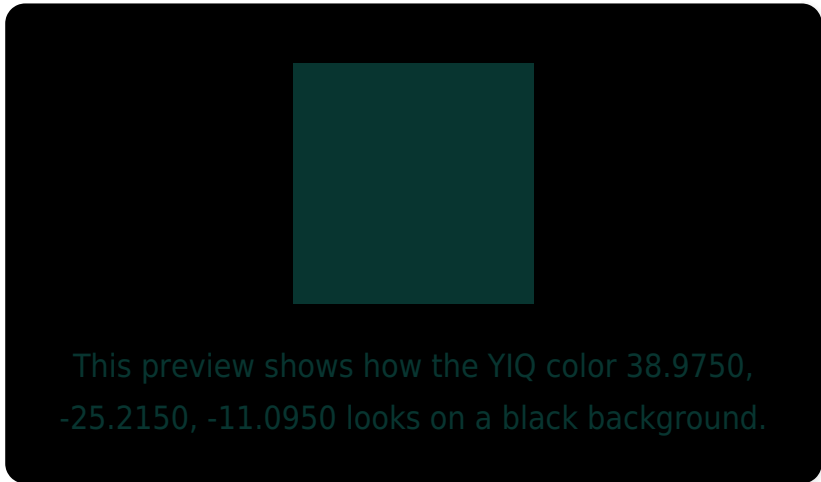
Large Text (above 18pt) WCAG AA ✓ Pass

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

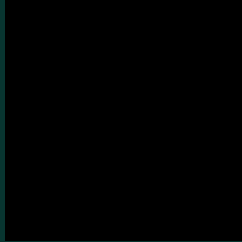
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 38.9750, -25.2150, -11.0950

Background



This preview shows how black text looks on a background with the YIQ color 38.9750, -25.2150, -11.0950.



This preview shows how white text looks on a background with the YIQ color 38.9750, -25.2150,

-11.0950.

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

38.9750, -25.2150, -11.0950

Protanopia

46.9570, 1.5590, -0.7210

Deuteranopia

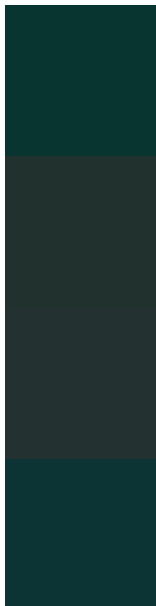
47.6520, 1.1000, 2.0920



Tritanopia

41.3930, -23.3360, -6.6000

Trichromacy



Original Color

38.9750, -25.2150, -11.0950

Protanomaly

43.7600, -8.2520, -4.6360

Deuteranomaly

44.8140, -8.3440, -2.9680

Tritanomaly

40.1540, -24.1610, -8.1690

Monochromacy



Original Color

38.9750, -25.2150, -11.0950

Achromatopsia

39.0000, -0.0000, -0.0000

Achromatomaly

38.9880, -8.8940, -4.0140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 38.9750, -25.2150, -11.0950 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(8, 53, 48)` looks like.

```
.text, #text, p{  
    color:rgb(8, 53, 48)  
}
```

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(8, 53, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 53, 48) }
```

Border

The CSS property to change the border of an element to YIQ 38.9750, -25.2150, -11.0950 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(8, 53, 48) }
```


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

```
.border{ border-color:rgb(8, 53, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 53, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 53, 48); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 53, 48); box-shadow:4px  
4px 4px 4px rgb(8, 53, 48) }
```

Background

The CSS property to change the background color of an element to YIQ 38.9750, -25.2150, -11.0950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 53, 48) }
```

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

```
.background{ background-color: rgb(8, 53,  
48) }
```

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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