

# Converting Colors

YIQ(60.3750, -32.0930, -7.5890)

Have a look what the booklet for  
YIQ(60.3750, -32.0930, -7.5890)  
contains.

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# Color

**YIQ(60.3750, -32.0930,  
-7.5890)**

# Conversions

## Conversions Part 1

Format	Color
Hex	194A53
RGB	25, 74, 83
RGB Percent	10%, 29%, 33%
CMY	0.9021, 0.7097, 0.6746
CMYK	0.70, 0.11, 0.00, 0.67
HSL	189°, 54%, 21%
HSV	189°, 70%, 33%
XYZ	4.4104, 5.7306, 9.0504
YIQ	60.3750, -32.0930, -7.5890

# Conversions

## Conversions Part 2

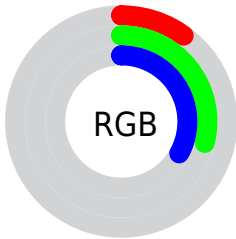
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 52, 83
Decimal	1657427
CIE <sub>Lab</sub>	28.72, -13.10, -10.18
CIE <sub>LCh</sub>	29, 16.585, 217.847
Yxy	5.7306, 0.2298, 0.2986
Android (android.graphics.Color)	4279847507 (0xFF194A53)
<b>YUV</b>	60.3750, 11.1541, -31.0239
Hunter-Lab	23.9387, -9.0067, -5.6582

# Details

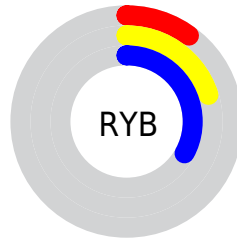
The YIQ color **60.3750, -32.0930, -7.5890** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **47.6250, 32.0930, 7.5890**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **110.2720, -30.3050, -6.9530**, and **21.9420, -20.4480, -3.8720** is the 20% darker color. If you saturate the color by 10%, you get **57.3960, -36.5860, -8.7620**, and if you desaturate by 10%, it is **63.3540, -27.6000, -6.4160**.

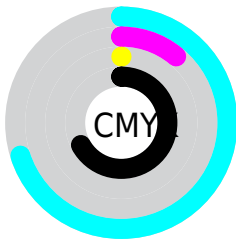
# Distribution



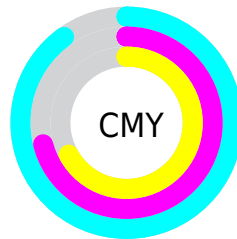
- Red (10%)
- Green (29%)
- Blue (33%)



- Red (10%)
- Yellow (20%)
- Blue (33%)



- Cyan (70%)
- Magenta (11%)
- Yellow (0%)
- Black (67%)



- Cyan (90%)
- Magenta (71%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 60.3750, -32.0930, -7.5890 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 60.3750, -32.0930, -7.5890 by changing the saturation by 10% instead.



■ 60.3750, -32.0930,  
-7.5890

■ 60.3750, -32.0930,  
-7.5890

■ 255.0000, -0.0000,  
-0.0000

■ 36.7770, -33.2850,  
-8.0130

■ 110.2720,  
-30.3050, -6.9530

■ 21.9420, -20.4480,  
-3.8720

■ 136.0870,  
-31.2220, -6.8540

■ 2.6390, -6.0530,  
5.0750

■ 162.3860,  
-30.6260, -6.6420

■ 0.0000, 0.0000,  
0.0000

■ 189.7880,  
-31.8180, -7.0660

■ 217.7880,  
-31.8180, -7.0660

■ 241.8440,

-26.2240, -9.3280

250.5150, -8.9400,  
-3.1800

60.3750, -32.0930,  
-7.5890

60.3750, -32.0930,  
-7.5890

57.3960, -36.5860,  
-8.7620

63.3540, -27.6000,  
-6.4160

53.5310, -41.4000,  
-9.6240

67.2190, -22.7860,  
-5.5540

50.5520, -45.8930,  
-10.7970

70.1980, -18.2930,  
-4.3810

73.1770, -13.8000,  
-3.2080

76.1560, -9.3070,  
-2.0350

■ 80.0210, -4.4930,  
-1.1730

■ 83.0000, -0.0000,  
0.0000

■ 85.9790, 4.4930,  
1.1730

■ 89.8440, 9.3070,  
2.0350

# Harmonies

## Analogous

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



61.0890, -25.5360, -10.7840



60.3750, -32.0930, -7.5890



63.7010, -26.9590, -1.5110

# Triad

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



60.3750, -32.0930, -7.5890



69.5380, 10.5890, 11.8450



66.5310, 11.3260, -7.0260

# Complementary

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



60.3750, -32.0930, -7.5890



47.6250, 32.0930, 7.5890

# 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.



67.9990, 18.9360, -1.7680



60.3750, -32.0930, -7.5890



69.2630, 18.6130, 9.5970

# Square

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



60.3750, -32.0930, -7.5890



69.1390, -1.4690, 10.1070



68.7700, 21.3190, 4.6070



65.2630, 0.2770, -10.5310



# Rectangle

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



60.3750, -32.0930, -7.5890



65.7560, -19.6240, 3.2240



68.7700, 21.3190, 4.6070



67.1400, 13.9850, -5.6550

# Sweetspot

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



60.3750, -32.0930, -7.5890



98.6610, -12.2870, -3.0950



60.0720, -18.8390, -27.5350



48.0530, -7.5190, -1.3990



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.



60.3750, -32.0930, -7.5890



71.8720, -49.7900, -11.7580



43.3520, -24.1180, 7.5780



39.2170, -2.1090, -0.3250



63.6260, -57.9050, -13.3690



141.5000, -128.3720, -30.3560



# Inverse Universe

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



47.9280, 18.8390, 27.5350



52.5740, 29.2440, 42.7160



64.6480, 24.1180, -7.5780



38.5380, 1.4210, 1.7810



41.4270, 34.3320, 49.6280

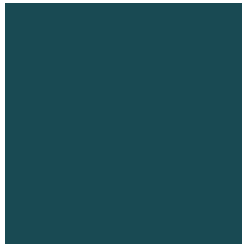


91.7120, 75.3560, 110.1400



# Previews

## White Background



This preview shows how the YIQ color 60.3750, -32.0930, -7.5890 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

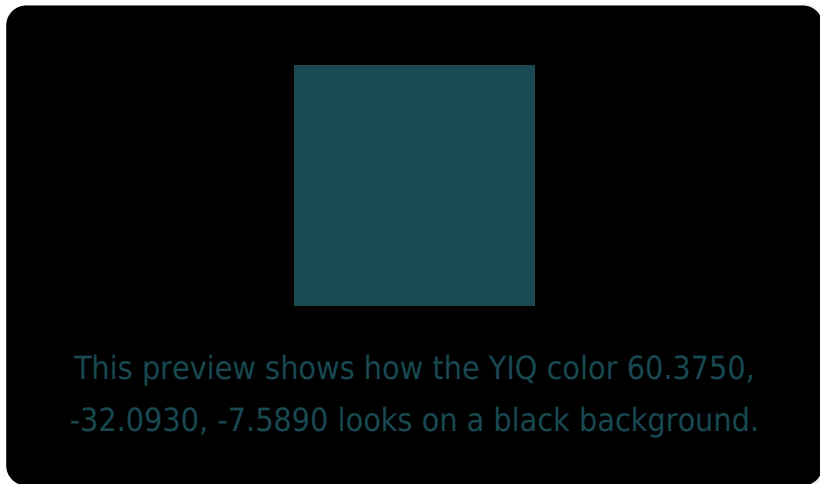
Any Text WCAG AA ✓ Pass

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

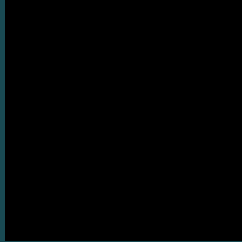
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YIQ 60.3750, -32.0930, -7.5890**

## **Background**



This preview shows how black text looks on a background with the YIQ color 60.3750, -32.0930, -7.5890.



This preview shows how white text looks on a background with the YIQ color 60.3750, -32.0930,

-7.5890.

# 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

60.3750, -32.0930, -7.5890

### Protanopia

67.9550, -4.1270, 3.2090

### Deuteranopia

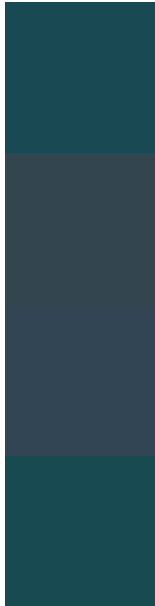
67.8670, -6.6950, 5.6970



## Tritanopia

59.4350, -32.3220, -8.9460

# Trichromacy



## Original Color

60.3750, -32.0930, -7.5890

## Protanomaly

65.4590, -14.5340, -0.9180

## Deuteranomaly

65.0290, -16.1390, 0.6370

## Tritanomaly

59.8480, -32.0470, -8.4230

# Monochromacy



## Original Color

60.3750, -32.0930, -7.5890

## Achromatopsia

60.0000, -0.0000, -0.0000

## Achromatomaly

59.9600, -11.6910, -2.8830

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 60.3750, -32.0930, -7.5890 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(25, 74, 83)` looks like.

```
.text, #text, p{  
    color:rgb(25, 74, 83)  
}
```

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(25, 74, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 74, 83) }
```

## Border

The CSS property to change the border of an element to YIQ 60.3750, -32.0930, -7.5890 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(25, 74, 83) }
```



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

```
.border{ border-color:rgb(25, 74, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 74, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 74, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 74, 83);  
box-shadow:4px 4px 4px 4px rgb(25, 74, 83)  
}
```

# Background

The CSS property to change the background color of an element to YIQ 60.3750, -32.0930, -7.5890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 74, 83) }
```

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

```
.background{ background-color: rgb(25, 74,  
83) }
```

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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