

Converting Colors

YIQ(33.3990, -23.4730, -9.6250)

Have a look what the booklet for
YIQ(33.3990, -23.4730, -9.6250)
contains.

YIQ(33.3990, -23.4730, -9.6250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(33.3990, -23.4730,
-9.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	052E2B
RGB	5, 46, 43
RGB Percent	2%, 18%, 17%
CMY	0.9805, 0.8195, 0.8315
CMYK	0.89, 0.00, 0.07, 0.82
HSL	176°, 80%, 10%
HSV	176°, 89%, 18%
XYZ	1.4756, 2.1617, 2.6227
YIQ	33.3990, -23.4730, -9.6250

Conversions

Conversions Part 2

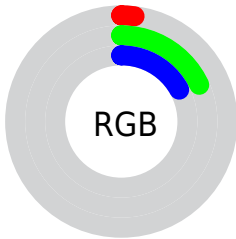
Format	Color
R_YB	5, 26, 46
Decimal	339499
CIE Lab	16.31, -14.55, -2.05
CIE LCh	16, 14.696, 188.006
Yxy	2.1617, 0.2357, 0.3453
Android (android.graphics.Color)	4278529579 (0xFF052E2B)
YUV	33.3990, 4.7333, -24.9059
Hunter-Lab	14.7027, -7.8154, -0.2846

Details

The YIQ color **33.3990, -23.4730, -9.6250** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.6010, 23.4730, 9.6250**, and the grayscale version is **33.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **80.1820, -21.3640, -9.3000**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.9040, -26.4530, -10.6850**, and if you desaturate by 10%, it is **34.8940, -20.4930, -8.5650**.

Distribution



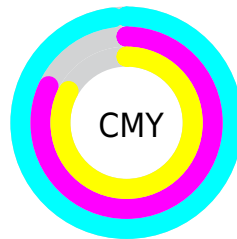
- Red (2%)
- Green (18%)
- Blue (17%)



- Red (2%)
- Yellow (10%)
- Blue (18%)



- Cyan (89%)
- Magenta (0%)
- Yellow (7%)
- Black (82%)



- Cyan (98%)
- Magenta (82%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 33.3990, -23.4730, -9.6250 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 33.3990, -23.4730, -9.6250 by changing the saturation by 10% instead.

■ 33.3990, -23.4730,
-9.6250

■ 33.3990, -23.4730,
-9.6250

■ 250.2160, -9.5360,
-3.3920

■ 17.8840, -14.5330,
-6.4450

■ 80.1820, -21.3640,
-9.3000

■ 0.0000, 0.0000,
0.0000

■ 104.8830,
-21.9600, -9.5120


■ 130.4700,
-22.2350, -10.0350


■ 156.4700,
-22.2350, -10.0350


■ 183.1710,
-22.8310, -10.2470


■ 211.1710,


-22.8310, -10.2470


 239.5730,
-24.0230, -10.6710


 33.3990, -23.4730,
-9.6250


 33.3990, -23.4730,
-9.6250


 31.9040, -26.4530,
-10.6850

 34.8940, -20.4930,
-8.5650

 36.2040, -18.4300,
-7.4060

 37.6990, -15.4500,
-6.3460

 38.8950, -13.0660,
-5.4980

 40.5040, -10.4070,
-4.1270

■ 41.9990, -7.4270,
-3.0670

■ 43.1950, -5.0430,
-2.2190

■ 44.8040, -2.3840,
-0.8480

■ 46.0000, 0.0000,
-0.0000

Harmonies

Analogous

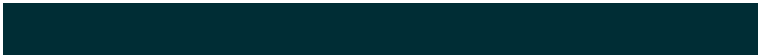
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.0430, -10.7270, -9.3430



33.3990, -23.4730, -9.6250



32.4570, -29.3880, -7.0520

Triad

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



33.3990, -23.4730, -9.6250



41.6720, -1.6520, 7.9160



40.2590, 15.2680, -1.3720

Complementary

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



33.3990, -23.4730, -9.6250



17.6010, 23.4730, 9.6250

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.



41.0900, 17.4220, 3.6460



33.3990, -23.4730, -9.6250



41.5870, 8.8930, 9.5410

Square

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



33.3990, -23.4730, -9.6250



39.9910, -12.9760, 3.8880



41.3550, 15.3580, 8.0140



39.6880, 9.4460, -5.9940

Rectangle

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



33.3990, -23.4730, -9.6250



33.6360, -28.3340, -4.1260



41.3550, 15.3580, 8.0140



40.4980, 16.0930, 0.1970

Sweetspot

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



33.3990, -23.4730, -9.6250



53.9880, -8.8940, -4.0140



29.9640, -9.4870, -20.8070



27.8960, -5.6390, -2.4310



158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



33.3990, -23.4730, -9.6250



40.7890, -33.5590, -14.0630



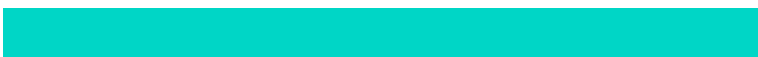
23.7620, -19.7610, 0.1990



22.4020, -1.1920, -0.4240



60.1890, -49.6050, -20.6210



148.1900, -122.4080, -50.3440

Inverse Universe

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



17.6010, 23.4730, 9.6250



18.0970, 33.8800, 13.7520



27.2380, 19.7610, -0.1990



21.5980, 1.1920, 0.4240



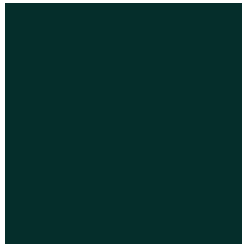
26.6970, 49.9260, 20.3100



65.8100, 122.4080, 50.3440

Previews

White Background



This preview shows how the YIQ color 33.3990, -23.4730, -9.6250 looks on a white background.

Color Contrast Check

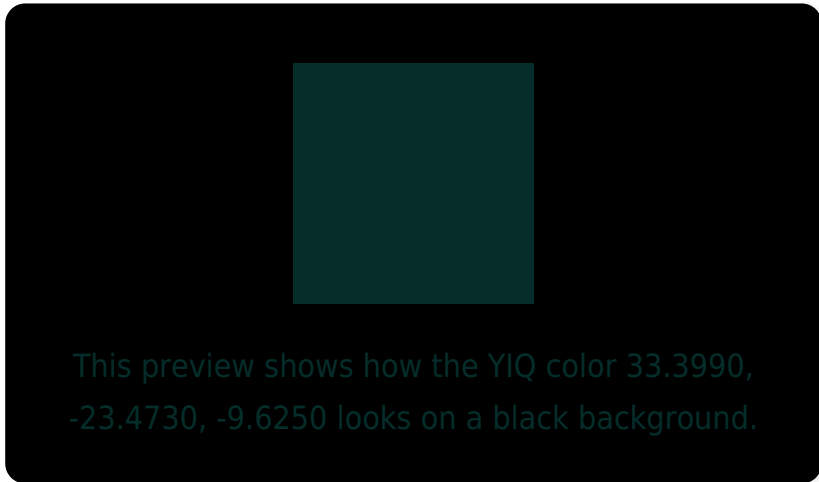
Large Text (above 18pt) WCAG AA ✓ Pass

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

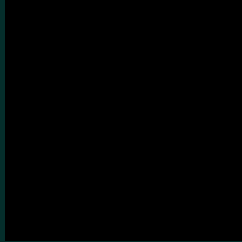
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 33.3990, -23.4730, -9.6250

Background



This preview shows how black text looks on a background with the YIQ color 33.3990, -23.4730, -9.6250.



This preview shows how white text looks on a background with the YIQ color 33.3990, -23.4730,

-9.6250.

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

33.3990, -23.4730, -9.6250

Protanopia

41.1850, 0.9170, -0.0990

Deuteranopia

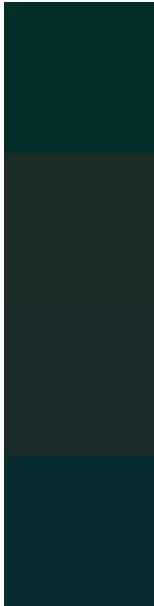
41.3530, 0.5040, 1.8800



Tritanopia

35.5890, -20.9520, -5.7520

Trichromacy



Original Color

33.3990, -23.4730, -9.6250

Protanomaly

38.5860, -7.7020, -3.5900

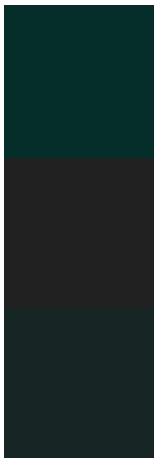
Deuteranomaly

38.3410, -8.3900, -2.1340

Tritanomaly

34.4640, -22.0980, -7.0100

Monochromacy



Original Color

33.3990, -23.4730, -9.6250

Achromatopsia

33.0000, -0.0000, -0.0000

Achromatomaly

33.4010, -8.6190, -3.4910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 33.3990, -23.4730, -9.6250 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(5, 46, 43)` looks like.

```
.text, #text, p{  
    color:rgb(5, 46, 43)  
}
```

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(5, 46, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 46, 43) }
```

Border

The CSS property to change the border of an element to YIQ 33.3990, -23.4730, -9.6250 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(5, 46, 43) }
```


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

```
.border{ border-color:rgb(5, 46, 43) }
```

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

Here you see how a box with a 4 pixel rgb(5, 46, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 46, 43); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 46, 43); box-shadow:4px  
4px 4px 4px rgb(5, 46, 43) }
```

Background

The CSS property to change the background color of an element to YIQ 33.3990, -23.4730, -9.6250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 46, 43) }
```

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

```
.background{ background-color: rgb(5, 46,  
43) }
```

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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