

Converting Colors

YIQ(77.9310, -32.2240,
-43.7760)

Have a look what the booklet for
YIQ(77.9310, -32.2240, -43.7760)
contains.

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Color

**YIQ(77.9310, -32.2240,
-43.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	147327
RGB	20, 115, 39
RGB Percent	8%, 45%, 15%
CMY	0.9218, 0.5489, 0.8471
CMYK	0.83, 0.00, 0.66, 0.55
HSL	132°, 70%, 26%
HSV	132°, 83%, 45%
XYZ	6.7883, 12.5649, 3.9854
YIQ	77.9310, -32.2240, -43.7760

Conversions

Conversions Part 2

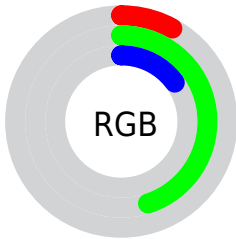
Format	Color
R_{YB}	20, 99, 115
Decimal	1340199
CIE _{Lab}	42.10, -42.98, 33.77
CIE _{LCh}	42, 54.661, 141.847
Yxy	12.5649, 0.2909, 0.5384
Android (android.graphics.Color)	4279530279 (0xFF147327)
YUV	77.9310, -19.1930, -50.8055
Hunter-Lab	35.4470, -27.8487, 18.1467

Details

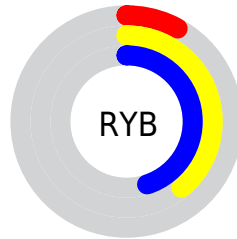
The YIQ color **77.9310, -32.2240, -43.7760** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **57.0690, 32.2240, 43.7760**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **133.0520, -25.2550, -43.4230**, and **38.1550, -17.8750, -33.9950** is the 20% darker color. If you saturate the color by 10%, you get **73.3170, -36.4870, -49.1190**, and if you desaturate by 10%, it is **82.2460, -28.5570, -38.6450**.

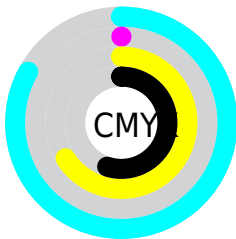
Distribution



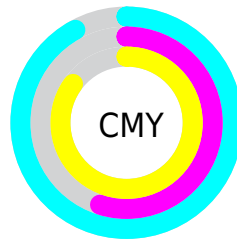
- Red (8%)
- Green (45%)
- Blue (15%)



- Red (8%)
- Yellow (39%)
- Blue (45%)



- Cyan (83%)
- Magenta (0%)
- Yellow (66%)
- Black (55%)



- Cyan (92%)
- Magenta (55%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.9310, -32.2240, -43.7760 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 77.9310, -32.2240, -43.7760 by changing the saturation by 10% instead.

■ 77.9310, -32.2240,
-43.7760

■ 77.9310, -32.2240,
-43.7760

■ 255.0000, -0.0000,
-0.0000

■ 54.4260, -29.2440,
-42.7160

■ 133.0520,
-25.2550, -43.4230

■ 38.1550, -17.8750,
-33.9950

■ 160.8240,
-24.6130, -44.0450

■ 25.2410, -11.8250,
-22.4890

■ 188.5960,
-23.9710, -44.6670

■ 8.2180, -3.8500,
-7.3220

■ 216.9550,
-23.6040, -45.8120

■ 0.0000, 0.0000,
0.0000

■ 229.6930,
-16.4540, -32.2140

■ 241.5560, -8.1580,

-17.3580

253.8320, 0.4130,
-1.9790

■ 77.9310, -32.2240,
-43.7760

■ 77.9310, -32.2240,
-43.7760

■ 73.3170, -36.4870,
-49.1190

■ 82.2460, -28.5570,
-38.6450

■ 70.1270, -39.0080,
-52.9920

■ 86.8600, -24.2940,
-33.3020

■ 91.2890, -20.9480,
-27.8600

■ 95.9030, -16.6850,
-22.5170

■ 100.2180,
-13.0180, -17.3860

■ 104.8320, -8.7550,
-12.0430

■ 109.1470, -5.0880,
-6.9120

■ 113.8750, -1.1460,
-1.2580

■ 118.1900, 2.5210,
3.8730

Harmonies

Analogous

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



89.4200, 23.6190, -37.0930



77.9310, -32.2240, -43.7760



79.5430, -60.0100, -35.8020

Triad

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



77.9310, -32.2240, -43.7760



84.9420, -90.3690, 2.2950



92.7860, 69.0890, 30.9530

Complementary

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



77.9310, -32.2240, -43.7760



57.0690, 32.2240, 43.7760

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.



95.2470, 52.2140, 44.9340



77.9310, -32.2240, -43.7760



96.7960, -42.3230, 23.6370

Square

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



77.9310, -32.2240, -43.7760



88.0590, -86.7450, -8.3210



101.6200, 14.4350, 41.2750



94.9540, 67.5350, 4.0390

Rectangle

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



77.9310, -32.2240, -43.7760



83.7780, -70.5570, -26.3730



101.6200, 14.4350, 41.2750



92.9200, 66.0160, 37.0880

Sweetspot

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



77.9310, -32.2240, -43.7760



135.5170, -12.4220, -17.1740



98.4890, 19.1710, -33.5730



67.9570, -7.6090, -10.7850



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



77.9310, -32.2240, -43.7760



92.1820, -50.0090, -68.3850



83.4030, -47.6320, -28.8480



56.6360, -1.9710, -2.8270



74.4640, -41.5750, -56.0310



152.4500, -84.8000, -115.2000

Inverse Universe

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



57.0690, 32.2240, 43.7760



59.8180, 50.0090, 68.3850



51.5970, 47.6320, 28.8480



55.2500, 2.2920, 2.5160



47.6500, 41.2540, 56.3420



97.5500, 84.8000, 115.2000

Previews

White Background



This preview shows how the YIQ color 77.9310, -32.2240, -43.7760 looks on a white background.

Color Contrast Check

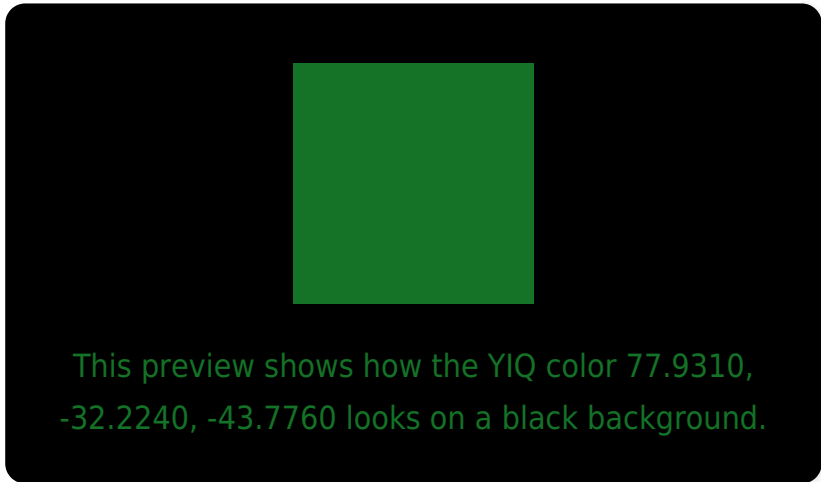
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 77.9310, -32.2240, -43.7760

Background



This preview shows how black text looks on a background with the YIQ color 77.9310, -32.2240, -43.7760.



This preview shows how white text looks on a background with the YIQ color 77.9310, -32.2240,

-43.7760.

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

77.9310, -32.2240, -43.7760

Protanopia

95.2920, 27.6960, -17.3600

Deuteranopia

96.9000, 32.0960, -8.9920



Tritanopia

91.5700, -37.1360, -9.8080

Trichromacy



Original Color

77.9310, -32.2240, -43.7760

Protanomaly

89.0610, 6.0570, -27.1830

Deuteranomaly

90.1910, 8.8070, -21.9530

Tritanomaly

86.8500, -35.5290, -22.4170

Monochromacy



Original Color

77.9310, -32.2240, -43.7760

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

77.7560, -11.5970, -15.6050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.9310, -32.2240, -43.7760 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(20, 115, 39)` looks like.

```
.text, #text, p{  
    color:rgb(20, 115, 39)  
}
```

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(20, 115, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 115, 39) }
```

Border

The CSS property to change the border of an element to YIQ 77.9310, -32.2240, -43.7760 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(20, 115, 39) }
```


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

```
.border{ border-color:rgb(20, 115, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 115, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 115, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 115, 39);  
box-shadow:4px 4px 4px 4px rgb(20, 115,  
39) }
```

Background

The CSS property to change the background color of an element to YIQ 77.9310, -32.2240, -43.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 115, 39) }
```

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

```
.background{ background-color: rgb(20, 115,  
39) }
```

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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