

Converting Colors

YIQ(77.3930, -16.4500,
-54.3220)

Have a look what the booklet for
YIQ(77.3930, -16.4500, -54.3220)
contains.

YIQ(77.3930, -16.4500, -54.3220)	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(77.3930, -16.4500,
-54.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	1C7503
RGB	28, 117, 3
RGB Percent	11%, 46%, 1%
CMY	0.8905, 0.5410, 0.9882
CMYK	0.76, 0.00, 0.97, 0.54
HSL	107°, 95%, 24%
HSV	107°, 97%, 46%
XYZ	6.8590, 12.9837, 2.2309
YIQ	77.3930, -16.4500, -54.3220

Conversions

Conversions Part 2

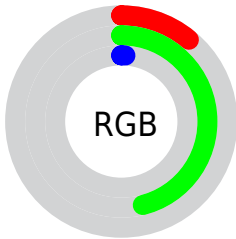
Format	Color
RYB	3, 117, 92
Decimal	1864963
CIELab	42.74, -45.02, 46.55
CIELCh	43, 64.754, 134.043
Yxy	12.9837, 0.3107, 0.5882
Android (android.graphics.Color)	4280055043 (0xFF1C7503)
YUV	77.3930, -36.6757, -43.3177
Hunter-Lab	36.0329, -29.0793, 21.5522

Details

The YIQ color **77.3930, -16.4500, -54.3220** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **42.6070, 16.4500, 54.3220**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **133.5830, -13.9290, -50.4490**, and **39.3290, -18.4250, -35.0410** is the 20% darker color. If you saturate the color by 10%, you get **76.4530, -16.6790, -55.6790**, and if you desaturate by 10%, it is **81.4520, -14.9380, -48.6820**.

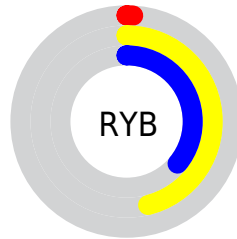
Distribution



Red (11%)

Green (46%)

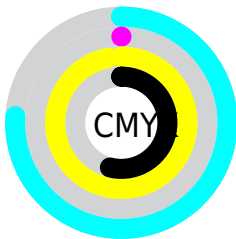
Blue (1%)



Red (1%)

Yellow (46%)

Blue (36%)

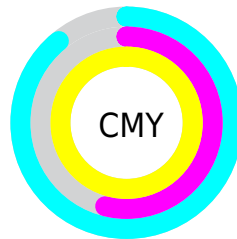


Cyan (76%)

Magenta (0%)

Yellow (97%)

Black (54%)



Cyan (89%)

Magenta (54%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.3930, -16.4500, -54.3220 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 77.3930, -16.4500, -54.3220 by changing the saturation by 10% instead.

■ 77.3930, -16.4500,
-54.3220

■ 77.3930, -16.4500,
-54.3220

254.8860, 0.3210,
-0.3110

■ 54.0040, -25.3000,
-48.1160

■ 133.5830,
-13.9290, -50.4490

■ 39.3290, -18.4250,
-35.0410

■ 161.2410,
-12.9660, -51.3820

■ 26.4150, -12.3750,
-23.5350

■ 189.0130,
-12.3240, -52.0040

■ 9.9790, -4.6750,
-8.8910

■ 217.4860,
-12.2780, -52.8380

■ 0.0000, 0.0000,
0.0000

■ 229.2350, -3.6610,
-38.2930

■ 241.0980, 4.6350,

-23.4370

■ 251.5800, 9.6300,
-9.3300

■ 77.3930, -16.4500,
-54.3220

■ 77.3930, -16.4500,
-54.3220

■ 76.4530, -16.6790,
-55.6790

■ 81.4520, -14.9380,
-48.6820

■ 85.3970, -13.1050,
-43.3530

■ 89.4560, -11.5930,
-37.7130

■ 93.8140, -9.4850,
-31.8610

■ 97.8730, -7.9730,
-26.2210

■ 101.8180, -6.1400,
-20.8920

■ 105.8770, -4.6280,
-15.2520

■ 109.9360, -3.1160,
-9.6120

■ 113.8810, -1.2830,
-4.2830

Harmonies

Analogous

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



92.1220, 30.4500, -34.2380



77.3930, -16.4500, -54.3220



79.4800, -55.6990, -42.3470

Triad

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



77.3930, -16.4500, -54.3220



90.8750, -97.4300, 3.6100



85.3830, 81.1900, 48.4380

Complementary

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



77.3930, -16.4500, -54.3220



42.6070, 16.4500, 54.3220

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.



93.2340, 54.2290, 57.9810



77.3930, -16.4500, -54.3220



81.5970, -93.3510, 12.2890

Square

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



77.3930, -16.4500, -54.3220



91.5640, -89.7250, -9.3810



103.0240, 1.7340, 45.6860



92.2920, 81.5630, 14.1310

Rectangle

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



77.3930, -16.4500, -54.3220



84.9860, -68.4470, -31.5750



103.0240, 1.7340, 45.6860



85.3750, 75.6410, 55.3930

Sweetspot

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



77.3930, -16.4500, -54.3220



137.5190, -6.7360, -21.1040



88.1550, 44.0190, -21.3330



67.6430, -3.8490, -12.8490



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.



77.3930, -16.4500, -54.3220



99.6780, -22.4070, -73.0230



73.3380, -40.9800, -50.2920



56.8210, -1.0540, -2.9260



79.6870, -17.4580, -58.0820



163.1950, -35.9700, -119.0900

Inverse Universe

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



42.6070, 16.4500, 54.3220



53.3220, 22.4070, 73.0230



46.6620, 40.9800, 50.2920



54.8800, 0.4580, 2.7140



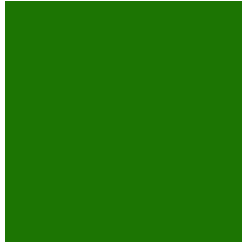
42.6120, 18.0540, 58.2940



86.8050, 35.9700, 119.0900

Previews

White Background



This preview shows how the YIQ color 77.3930, -16.4500, -54.3220 looks on a white background.

Color Contrast Check

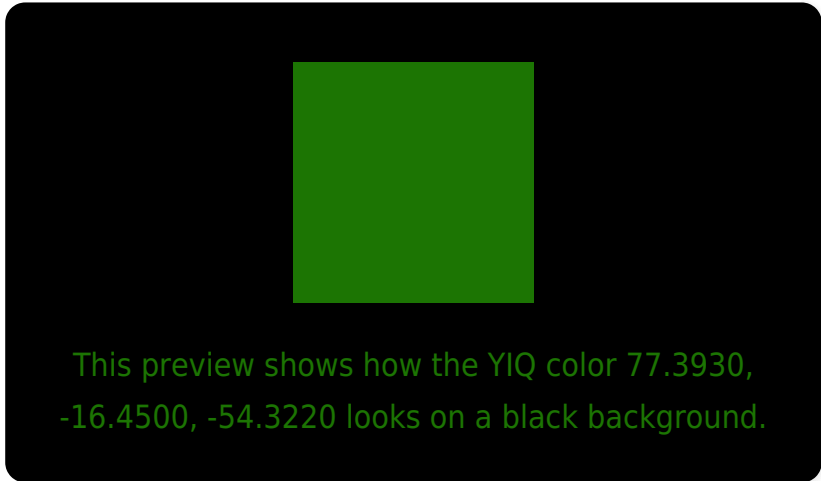
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.3930, -16.4500, -54.3220

Background



This preview shows how black text looks on a background with the YIQ color 77.3930, -16.4500, -54.3220.



This preview shows how white text looks on a background with the YIQ color 77.3930, -16.4500,

-54.3220.

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

77.3930, -16.4500, -54.3220

Protanopia

93.0740, 39.5730, -28.8670

Deuteranopia

96.2890, 40.9460, -15.1980



Tritanopia

93.8800, -35.0730, -8.6490

Trichromacy



Original Color

77.3930, -16.4500, -54.3220

Protanomaly

87.4410, 19.1260, -38.2660

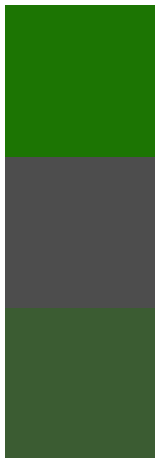
Deuteranomaly

89.3090, 19.8580, -29.5020

Tritanomaly

87.8630, -28.3760, -25.4000

Monochromacy



Original Color

77.3930, -16.4500, -54.3220

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.3450, -6.1860, -20.0580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.3930, -16.4500, -54.3220 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(28, 117, 3)` looks like.

```
.text, #text, p{  
    color:rgb(28, 117, 3)  
}
```

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(28, 117, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 117, 3) }
```

Border

The CSS property to change the border of an element to YIQ 77.3930, -16.4500, -54.3220 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(28, 117, 3) }
```


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

```
.border{ border-color:rgb(28, 117, 3) }
```

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

Here you see how a box with a 4 pixel rgb(28, 117, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 117, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 117, 3);  
box-shadow:4px 4px 4px 4px rgb(28, 117, 3)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.3930, -16.4500, -54.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 117, 3) }
```

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

```
.background{ background-color: rgb(28, 117,  
3) }
```

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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