

Converting Colors

YIQ(64.3540, 6.7900, -23.9460)

Have a look what the booklet for
YIQ(64.3540, 6.7900, -23.9460)
contains.

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Color

**YIQ(64.3540, 6.7900,
-23.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	384E10
RGB	56, 78, 16
RGB Percent	22%, 31%, 6%
CMY	0.7805, 0.6941, 0.9372
CMYK	0.28, 0.00, 0.79, 0.69
HSL	81°, 66%, 18%
HSV	81°, 79%, 31%
XYZ	4.4483, 6.3276, 1.4779
YIQ	64.3540, 6.7900, -23.9460

Conversions

Conversions Part 2

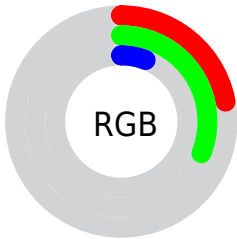
Format	Color
RYB	16, 78, 38
Decimal	3690000
CIELab	30.22, -19.06, 31.99
CIELCh	30, 37.236, 120.783
Yxy	6.3276, 0.3630, 0.5164
Android (android.graphics.Color)	4281880080 (0xFF384E10)
YUV	64.3540, -23.8385, -7.3265
Hunter-Lab	25.1548, -12.4554, 14.1250

Details

The YIQ color **64.3540, 6.7900, -23.9460** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **29.6460, -6.7900, 23.9460**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **113.1260, 7.4320, -24.5680**, and **22.0510, -5.1780, -16.2980** is the 20% darker color. If you saturate the color by 10%, you get **62.5450, 7.5700, -27.0700**, and if you desaturate by 10%, it is **66.1630, 6.0100, -20.8220**.

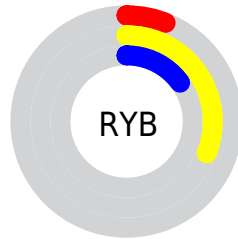
Distribution



Red (22%)

Green (31%)

Blue (6%)



Red (6%)

Yellow (31%)

Blue (15%)

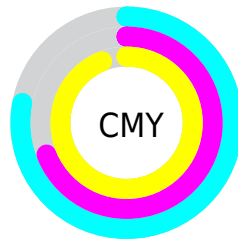


Cyan (28%)

Magenta (0%)

Yellow (79%)

Black (69%)



Cyan (78%)

Magenta (69%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.3540, 6.7900, -23.9460 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 64.3540, 6.7900, -23.9460 by changing the saturation by 10% instead.

■ 64.3540, 6.7900,
-23.9460

■ 64.3540, 6.7900,
-23.9460

■ 254.3160, 1.9260,
-1.8660

■ 42.4510, 5.1390,
-21.5570

■ 113.1260, 7.4320,
-24.5680

■ 22.0510, -5.1780,
-16.2980

■ 138.8980, 8.0740,
-25.1900

■ 1.1740, -0.5500,
-1.0460

■ 165.6700, 8.7160,
-25.8120

■ 0.0000, 0.0000,
0.0000

■ 193.1430, 8.7620,
-26.6460

■ 221.0290, 9.0830,
-26.9570

■ 243.9310, 12.4750,

-22.3490

■ 251.0100, 11.2350,
-10.8850

■ 64.3540, 6.7900,
-23.9460

■ 64.3540, 6.7900,
-23.9460

■ 62.5450, 7.5700,
-27.0700

■ 66.1630, 6.0100,
-20.8220

■ 60.7360, 8.3500,
-30.1940

■ 67.9720, 5.2300,
-17.6980

■ 69.3680, 4.1750,
-15.0970

■ 71.1770, 3.3950,
-11.9730

■ 72.9860, 2.6150,
-8.8490

■ 74.7950, 1.8350,
-5.7250

■ 76.3050, 0.4590,
-2.8130

■ 78.0000, -0.0000,
-0.0000

■ 79.8090, -0.7800,
3.1240

Harmonies

Analogous

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



67.0750, 29.8050, -17.0350



64.3540, 6.7900, -23.9460



54.5910, -33.6020, -29.8100

Triad

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



64.3540, 6.7900, -23.9460



61.3410, -61.1160, -4.7320



69.9270, 37.7750, 25.7670

Complementary

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



64.3540, 6.7900, -23.9460



29.6460, -6.7900, 23.9460

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.



72.7430, 17.9220, 27.6340



64.3540, 6.7900, -23.9460



58.1440, -61.7590, 1.4170

Square

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



64.3540, 6.7900, -23.9460



60.7080, -55.2000, -12.8320



72.3030, -13.2540, 19.9460



68.6700, 45.3880, 14.4440

Rectangle

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



64.3540, 6.7900, -23.9460



56.2620, -42.6810, -24.9610



72.3030, -13.2540, 19.9460



70.6430, 32.8230, 27.4070

Sweetspot

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



64.3540, 6.7900, -23.9460



96.5730, 2.3400, -9.3720



47.4520, 30.9020, 1.6380



47.7950, 1.8350, -5.7250



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



64.3540, 6.7900, -23.9460



80.7760, 10.8730, -37.3750



55.0850, -11.6860, -30.5180



37.2450, 0.6880, -1.4560



79.6080, 11.2860, -39.3540



179.2620, 24.9580, -88.9140

Inverse Universe

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



29.6460, -6.7900, 23.9460



26.5230, -10.2770, 37.5870



38.9150, 11.6860, 30.5180



35.0540, -0.0920, 1.6680



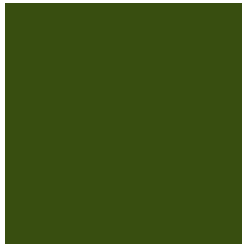
22.3920, -11.2860, 39.3540



50.7380, -24.9580, 88.9140

Previews

White Background



This preview shows how the YIQ color 64.3540, 6.7900, -23.9460 looks on a white background.

Color Contrast Check

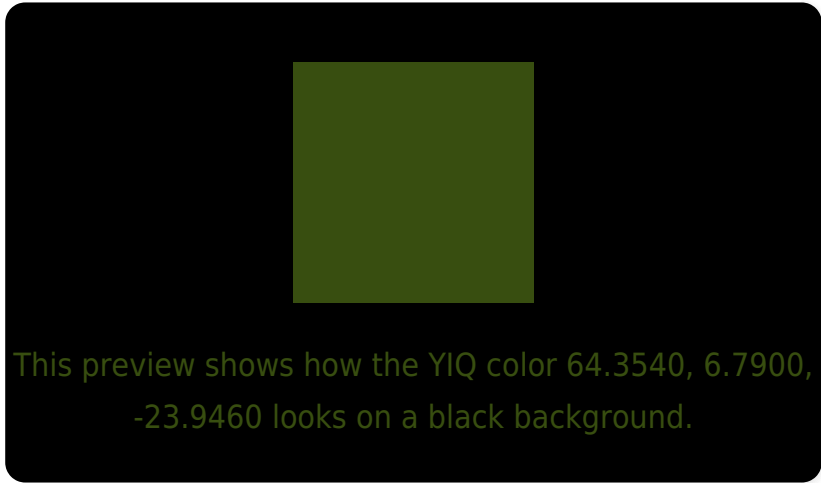
Large Text (above 18pt) WCAG AA ✓ Pass

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

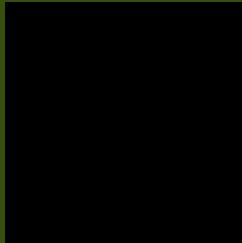
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.3540, 6.7900, -23.9460

Background



This preview shows how black text looks on a background with the YIQ color 64.3540, 6.7900, -23.9460.



This preview shows how white text looks on a background with the YIQ color 64.3540, 6.7900, -23.9460.

-23.9460.

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

64.3540, 6.7900, -23.9460

Protanopia

67.1930, 23.6610, -15.8190

Deuteranopia

68.3340, 27.8780, -9.6420



Tritanopia

70.5800, -7.5650, -0.5650

Trichromacy



Original Color

64.3540, 6.7900, -23.9460

Protanomaly

66.3770, 17.1510, -18.9850

Deuteranomaly

66.8660, 20.2680, -14.9000

Tritanomaly

68.2350, -2.5200, -9.4000

Monochromacy



Original Color

64.3540, 6.7900, -23.9460

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

64.1000, 2.2940, -8.5380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.3540, 6.7900, -23.9460 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(56, 78, 16)` looks like.

```
.text, #text, p{  
    color:rgb(56, 78, 16)  
}
```

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(56, 78, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 78, 16) }
```

Border

The CSS property to change the border of an element to YIQ 64.3540, 6.7900, -23.9460 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(56, 78, 16) }
```


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

```
.border{ border-color:rgb(56, 78, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 78, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 78, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 78, 16);  
box-shadow:4px 4px 4px 4px rgb(56, 78, 16)  
}
```

Background

The CSS property to change the background color of an element to YIQ 64.3540, 6.7900, -23.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 78, 16) }
```

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

```
.background{ background-color: rgb(56, 78,  
16) }
```

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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