

Converting Colors

YIQ(91.7060, 9.0350, -15.0690)

Have a look what the booklet for
YIQ(91.7060, 9.0350, -15.0690)
contains.

YIQ(91.7060, 9.0350, -15.0690)	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(91.7060, 9.0350,
-15.0690)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6338
RGB	91, 99, 56
RGB Percent	36%, 39%, 22%
CMY	0.6432, 0.6117, 0.7803
CMYK	0.08, 0.00, 0.43, 0.61
HSL	71°, 28%, 30%
HSV	71°, 43%, 39%
XYZ	9.4896, 11.4335, 5.4504
YIQ	91.7060, 9.0350, -15.0690

Conversions

Conversions Part 2

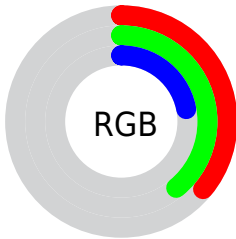
Format	Color
R_{YB}	56, 99, 64
Decimal	5989176
CIE _{Lab}	40.30, -10.72, 23.36
CIE _{LCh}	40, 25.705, 114.651
Yxy	11.4335, 0.3598, 0.4335
Android (android.graphics.Color)	4284179256 (0xFF5B6338)
YUV	91.7060, -17.6031, -0.6192
Hunter-Lab	33.8135, -9.0784, 14.1126

Details

The YIQ color **91.7060, 9.0350, -15.0690** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **63.2940, -9.0350, 15.0690**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **142.3640, 9.9980, -16.0020**, and **45.6350, 7.7970, -14.6590** is the 20% darker color. If you saturate the color by 10%, you get **89.9680, 11.0530, -18.6030**, and if you desaturate by 10%, it is **93.4440, 7.0170, -11.5350**.

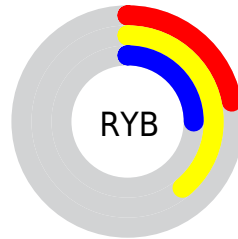
Distribution



Red (36%)

Green (39%)

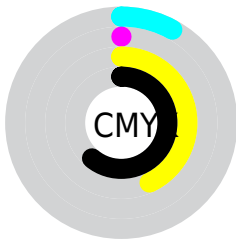
Blue (22%)



Red (22%)

Yellow (39%)

Blue (25%)

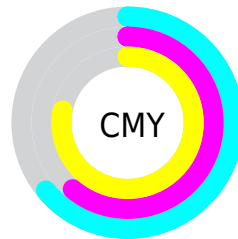


Cyan (8%)

Magenta (0%)

Yellow (43%)

Black (61%)



Cyan (64%)

Magenta (61%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.7060, 9.0350, -15.0690 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 91.7060, 9.0350, -15.0690 by changing the saturation by 10% instead.

91.7060, 9.0350,
-15.0690

91.7060, 9.0350,
-15.0690

255.0000, -0.0000,
-0.0000

67.9340, 8.3930,
-14.4470

142.3640, 9.9980,
-16.0020

45.6350, 7.7970,
-14.6590

168.5490, 10.9150,
-16.1010

25.0740, 5.1830,
-11.3370

196.0220, 10.9610,
-16.9350

1.1740, -0.5500,
-1.0460

223.9080, 11.2820,
-17.2460

0.0000, 0.0000,
0.0000

249.2720, 13.2530,
-14.4190

253.0620, 5.4570,

-5.2870

■ 91.7060, 9.0350,
-15.0690

■ 91.7060, 9.0350,
-15.0690

■ 89.9680, 11.0530,
-18.6030

■ 93.4440, 7.0170,
-11.5350

■ 88.2300, 13.0710,
-22.1370

■ 95.1820, 4.9990,
-8.0010

■ 86.4920, 15.0890,
-25.6710

■ 96.9200, 2.9810,
-4.4670

■ 85.0530, 17.7030,
-28.9930

■ 98.3590, 0.3670,
-1.1450

■ 83.4290, 19.4000,
-32.2160

■ 100.0970, -1.6510,
2.3890

■ 82.3320, 21.0510,
-34.6050

■ 101.7210, -3.3480,
5.6120

■ 103.4590, -5.3660,
9.1460

■ 105.1970, -7.3840,
12.6800

■ 106.9350, -9.4020,
16.2140

Harmonies

Analogous

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



93.5340, 24.4390, -7.8890



91.7060, 9.0350, -15.0690



88.7620, -11.7340, -18.6300

Triad

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



91.7060, 9.0350, -15.0690



79.0540, -61.9860, -10.9940



97.5400, 25.4430, 17.9790

Complementary

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



91.7060, 9.0350, -15.0690



63.2940, -9.0350, 15.0690

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.



97.6830, 8.9830, 18.9270



91.7060, 9.0350, -15.0690



90.0730, -36.6340, 3.1260

Square

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



91.7060, 9.0350, -15.0690



74.9900, -65.1020, -20.6060



96.0870, -12.8860, 13.2740



96.6300, 33.6970, 11.5610

Rectangle

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



91.7060, 9.0350, -15.0690



85.4490, -26.9100, -18.9260



96.0870, -12.8860, 13.2740



97.7290, 20.5370, 18.7850

Sweetspot

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



91.7060, 9.0350, -15.0690



124.8660, 3.0730, -6.1350



73.5530, 23.4280, 4.9320



62.2620, 2.0180, -3.5340



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



91.7060, 9.0350, -15.0690



116.4750, 13.7590, -23.5930



85.4270, -3.4810, -19.5210



47.5440, 1.2840, -1.2440



92.9530, 23.4360, -39.2840



199.1850, 50.2200, -84.1800

Inverse Universe

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



63.2940, -9.0350, 15.0690



72.5250, -13.7590, 23.5930



69.5730, 3.4810, 19.5210



44.7550, -0.6880, 1.4560



19.0470, -23.4360, 39.2840



40.8150, -50.2200, 84.1800

Previews

White Background



This preview shows how the YIQ color 91.7060, 9.0350, -15.0690 looks on a white background.

Color Contrast Check

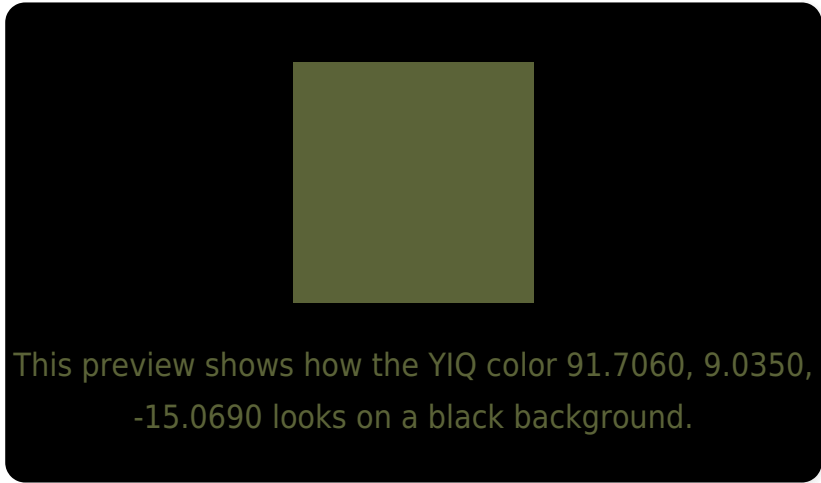
Large Text (above 18pt) WCAG AA ✓ Pass

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

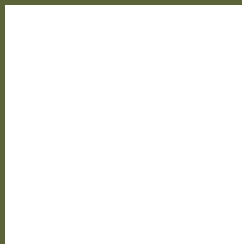
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 91.7060, 9.0350, -15.0690

Background



This preview shows how black text looks on a background with the YIQ color 91.7060, 9.0350, -15.0690.



This preview shows how white text looks on a background with the YIQ color 91.7060, 9.0350,

-15.0690.

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

91.7060, 9.0350, -15.0690

Protanopia

93.1310, 18.2040, -10.5320

Deuteranopia

94.4140, 24.8970, -5.1750



Tritanopia

95.3960, -1.0550, 2.6010

Trichromacy



Original Color

91.7060, 9.0350, -15.0690

Protanomaly

92.2230, 14.9490, -12.1150

Deuteranomaly

93.3700, 19.0290, -8.9630

Tritanomaly

94.1480, 2.3390, -3.8450

Monochromacy



Original Color

91.7060, 9.0350, -15.0690

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

92.2790, 3.3480, -5.6120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.7060, 9.0350, -15.0690 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(91, 99, 56)` looks like.

```
.text, #text, p{  
    color:rgb(91, 99, 56)  
}
```

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(91, 99, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 99, 56) }
```

Border

The CSS property to change the border of an element to YIQ 91.7060, 9.0350, -15.0690 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(91, 99, 56) }
```


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

```
.border{ border-color:rgb(91, 99, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 99, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 99, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 99, 56);  
box-shadow:4px 4px 4px 4px rgb(91, 99, 56)  
}
```

Background

The CSS property to change the background color of an element to YIQ 91.7060, 9.0350, -15.0690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 99, 56) }
```

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

```
.background{ background-color: rgb(91, 99,  
56) }
```

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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