

Converting Colors

YIQ(95.3420, 7.0640, -17.8960)

Have a look what the booklet for
YIQ(95.3420, 7.0640, -17.8960)
contains.

YIQ(95.3420, 7.0640, -17.8960)	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(95.3420, 7.0640,
-17.8960)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6939
RGB	91, 105, 57
RGB Percent	36%, 41%, 22%
CMY	0.6432, 0.5882, 0.7764
CMYK	0.13, 0.00, 0.46, 0.59
HSL	78°, 30%, 32%
HSV	78°, 46%, 41%
XYZ	10.1039, 12.6232, 5.7771
YIQ	95.3420, 7.0640, -17.8960

Conversions

Conversions Part 2

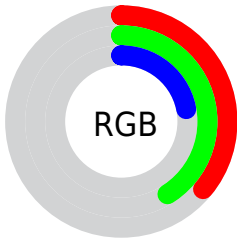
Format	Color
RYB	57, 105, 71
Decimal	5990713
CIELab	42.19, -13.96, 25.17
CIELCh	42, 28.787, 119.012
Yxy	12.6232, 0.3545, 0.4429
Android (android.graphics.Color)	4284180793 (0xFF5B6939)
YUV	95.3420, -18.9026, -3.8079
Hunter-Lab	35.5292, -11.4137, 15.2298

Details

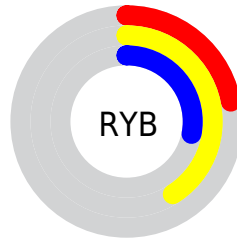
The YIQ color $95.3420, 7.0640, -17.8960$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $66.6580, -7.0640, 17.8960$, and the grayscale version is $96.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $146.0000, 8.0270, -18.8290$, and $48.5700, 6.4220, -17.2740$ is the 20% darker color. If you saturate the color by 10%, you get $93.3050, 8.4860, -21.6420$, and if you desaturate by 10%, it is $97.4930, 5.3210, -13.8390$.

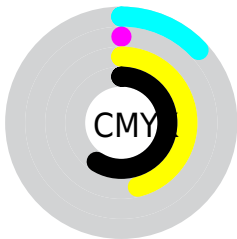
Distribution



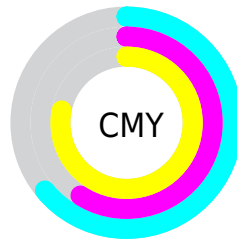
- Red (36%)
- Green (41%)
- Blue (22%)



- Red (22%)
- Yellow (41%)
- Blue (28%)



- Cyan (13%)
- Magenta (0%)
- Yellow (46%)
- Black (59%)



- Cyan (64%)
- Magenta (59%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.3420, 7.0640, -17.8960 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 95.3420, 7.0640, -17.8960 by changing the saturation by 10% instead.

95.3420, 7.0640,
-17.8960

95.3420, 7.0640,
-17.8960

255.0000, -0.0000,
-0.0000

71.4560, 6.7430,
-17.5850

146.0000, 8.0270,
-18.8290

48.5700, 6.4220,
-17.2740

172.7720, 8.6690,
-19.4510

28.0090, 3.8080,
-13.9520

200.3590, 8.3940,
-19.9740

8.2180, -3.8500,
-7.3220

228.2450, 8.7150,
-20.2850

0.0000, 0.0000,
0.0000

249.5000, 12.6110,
-13.7970

253.2900, 4.8150,

-4.6650

■ 95.3420, 7.0640,
-17.8960

■ 95.3420, 7.0640,
-17.8960

■ 93.3050, 8.4860,
-21.6420

■ 97.4930, 5.3210,
-13.8390

■ 91.1540, 10.2290,
-25.6990

■ 99.5300, 3.8990,
-10.0930

■ 89.1170, 11.6510,
-29.4450

■ 101.6810, 2.1560,
-6.0360

■ 86.9660, 13.3940,
-33.5020

■ 103.7180, 0.7340,
-2.2900

■ 84.9290, 14.8160,
-37.2480

■ 105.8690, -1.0090,
1.7670

■ 83.7610, 15.2290,
-39.2270

■ 107.9060, -2.4310,
5.5130

■ 110.0570, -4.1740,
9.5700

■ 112.3930, -5.0000,
13.5280

■ 114.5440, -6.7430,
17.5850

Harmonies

Analogous

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



97.7250, 25.2190, -11.0130



95.3420, 7.0640, -17.8960



91.5440, -17.0520, -21.3720

Triad

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



95.3420, 7.0640, -17.8960



79.3560, -74.6400, -12.9440



101.8180, 30.5320, 19.3640

Complementary

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



95.3420, 7.0640, -17.8960



66.6580, -7.0640, 17.8960

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.



102.3030, 13.1090, 21.2450



95.3420, 7.0640, -17.8960



94.8710, -38.8810, 5.3030

Square

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



95.3420, 7.0640, -17.8960



79.6520, -69.9620, -20.6340



101.4510, -10.9150, 16.1010



100.6690, 37.9610, 11.3770

Rectangle

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



95.3420, 7.0640, -17.8960



86.7790, -36.7670, -22.0070



101.4510, -10.9150, 16.1010



102.4200, 25.9010, 20.6930

Sweetspot

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



95.3420, 7.0640, -17.8960



133.9260, 2.8440, -7.4920



79.5700, 24.7580, 2.8540



66.4360, 1.4680, -4.5800



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



95.3420, 7.0640, -17.8960



122.7580, 11.2840, -28.3000



88.1660, -7.2400, -22.9840



52.7180, 0.7340, -2.2900



93.4960, 17.2930, -43.5950



195.5420, 35.7330, -91.4590

Inverse Universe

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



66.6580, -7.0640, 17.8960



77.2420, -11.2840, 28.3000



73.8340, 7.2400, 22.9840



49.2820, -0.7340, 2.2900



23.5040, -17.2930, 43.5950



49.4580, -35.7330, 91.4590

Previews

White Background



This preview shows how the YIQ color 95.3420, 7.0640, -17.8960 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



This preview shows how the YIQ color 95.3420, 7.0640, -17.8960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

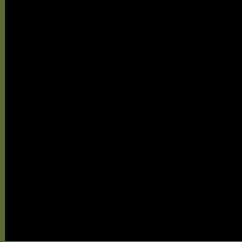
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.3420, 7.0640, -17.8960

Background



This preview shows how black text looks on a background with the YIQ color 95.3420, 7.0640, -17.8960.



This preview shows how white text looks on a background with the YIQ color 95.3420, 7.0640,

-17.8960.

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

95.3420, 7.0640, -17.8960

Protanopia

96.9740, 20.0840, -11.5640

Deuteranopia

98.6700, 27.0520, -5.6840



Tritanopia

99.3140, -3.7600, 2.0640

Trichromacy



Original Color

95.3420, 7.0640, -17.8960

Protanomaly

96.1690, 15.0410, -13.7830

Deuteranomaly

97.6150, 19.7170, -10.4190

Tritanomaly

97.8380, 0.2760, -5.0040

Monochromacy



Original Color

95.3420, 7.0640, -17.8960

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.4530, 2.7980, -6.6580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.3420, 7.0640, -17.8960 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, 105, 57)` looks like.

```
.text, #text, p{  
    color:rgb(91, 105, 57)  
}
```

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, 105, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 105, 57) }
```

Border

The CSS property to change the border of an element to YIQ 95.3420, 7.0640, -17.8960 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, 105, 57) }
```


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

```
.border{ border-color:rgb(91, 105, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 105, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 105, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 105, 57);  
box-shadow:4px 4px 4px 4px rgb(91, 105,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 95.3420, 7.0640, -17.8960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 105, 57) }
```

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

```
.background{ background-color: rgb(91, 105,  
57) }
```

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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