

Converting Colors

YIQ(79.1070, 18.7520, 1.5680)

Have a look what the booklet for
YIQ(79.1070, 18.7520, 1.5680)
contains.

YIQ(79.1070, 18.7520, 1.5680)	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(79.1070, 18.7520,
1.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	62493D
RGB	98, 73, 61
RGB Percent	38%, 29%, 24%
CMY	0.6156, 0.7138, 0.7607
CMYK	0.00, 0.26, 0.38, 0.62
HSL	19°, 23%, 31%
HSV	19°, 38%, 38%
XYZ	8.2632, 7.6983, 5.4683
YIQ	79.1070, 18.7520, 1.5680

Conversions

Conversions Part 2

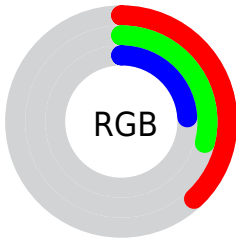
Format	Color
RYB	98, 79, 61
Decimal	6441277
CIELab	33.35, 8.80, 11.29
CIElCh	33, 14.315, 52.069
Yxy	7.6983, 0.3856, 0.3592
Android (android.graphics.Color)	4284631357 (0xFF62493D)
YUV	79.1070, -8.9268, 16.5692
Hunter-Lab	27.7457, 4.6054, 7.7368




Details

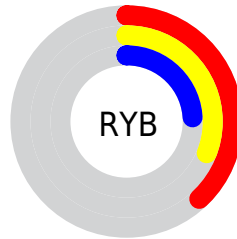
The YIQ color **79.1070, 18.7520, 1.5680** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **79.8930, -18.7520, -1.5680**, and the grayscale version is **79.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **128.7760, 21.1820, 1.5820**, and **34.1390, 15.7260, 1.3420** is the 20% darker color. If you saturate the color by 10%, you get **73.8580, 23.8870, 2.1190**, and if you desaturate by 10%, it is **84.3560, 13.6170, 1.0170**.

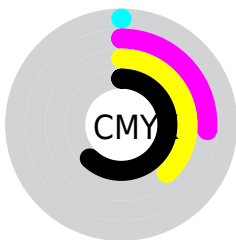
Distribution







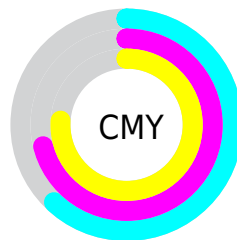
-  Red (38%)
-  Green (29%)
-  Blue (24%)






-  Red (38%)
-  Yellow (31%)
-  Blue (24%)



-  Cyan (0%)
-  Magenta (26%)
-  Yellow (38%)
-  Black (62%)



-  Cyan (62%)
-  Magenta (71%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.1070, 18.7520, 1.5680 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 79.1070, 18.7520, 1.5680 by changing the saturation by 10% instead.

■ 79.1070, 18.7520,
1.5680

■ 79.1070, 18.7520,
1.5680

■ 255.0000, -0.0000,
-0.0000

■ 55.9220, 17.8350,
1.6670

■ 128.7760, 21.1820,
1.5820

■ 34.1390, 15.7260,
1.3420

■ 154.4880, 22.0530,
2.3170

■ 11.9050, 16.5050,
3.7450

■ 181.3740, 22.3740,
2.0060

■ 0.0000, 0.0000,
0.0000

■ 208.9720, 23.5660,
2.4300

■ 235.1780, 19.9900,
1.1580

■ 253.6320, 3.8520,

-3.7320

■ 79.1070, 18.7520,
1.5680

■ 79.1070, 18.7520,
1.5680

■ 73.8580, 23.8870,
2.1190

■ 84.3560, 13.6170,
1.0170

■ 69.1960, 28.7470,
2.1470

■ 89.0180, 8.7570,
0.9890

■ 64.0610, 33.5610,
3.0090

■ 94.1530, 3.9430,
0.1270

■ 58.8120, 38.6960,
3.5600

■ 99.4020, -1.1920,
-0.4240

■ 54.1500, 43.5560,
3.5880

■ 104.0640, -6.0520,
-0.4520

■ 48.9010, 48.6910,
4.1390

■ 109.3130,
-11.1870, -1.0030

■ 48.0860, 49.6080,
4.0400

■ 113.9750,
-16.0470, -1.0310

■ 119.1100,
-20.8610, -1.8930

■ 124.3590,
-25.9960, -2.4440

Harmonies

Analogous

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



80.1550, 18.7970, 6.2610



79.1070, 18.7520, 1.5680



78.4930, 14.4890, -3.7750

Triad

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



79.1070, 18.7520, 1.5680



74.2920, -15.8620, -9.8940



79.2090, -7.6580, 6.6300

Complementary

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



79.1070, 18.7520, 1.5680



79.8930, -18.7520, -1.5680

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.



76.4140, -18.6610, 2.2910



79.1070, 18.7520, 1.5680



73.4530, -23.5650, -7.9570

Square

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



79.1070, 18.7520, 1.5680



75.4520, -4.6290, -9.7250



74.0170, -25.0330, -3.3770



80.2490, 4.0330, 9.5130

Rectangle

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



79.1070, 18.7520, 1.5680



77.2750, 9.1710, -6.5170



74.0170, -25.0330, -3.3770



78.4150, -11.2340, 5.3580

Sweetspot

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



79.1070, 18.7520, 1.5680



120.4200, 7.5650, 0.5650



74.9130, 14.0270, 15.6190



59.4520, 4.5390, 0.3390



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.



79.1070, 18.7520, 1.5680



98.4950, 29.3430, 2.3590



89.6730, 13.8020, -7.8460



45.7830, 2.1090, 0.3250



54.6200, 56.8520, 4.9160



117.5460, 121.5900, 10.0860

Inverse Universe

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



79.8930, -18.7520, -1.5680



99.5050, -29.3430, -2.3590



69.3270, -13.8020, 7.8460



46.2170, -2.1090, -0.3250



57.3800, -56.8520, -4.9160



122.4540, -121.5900, -10.0860

Previews

White Background



This preview shows how the YIQ color 79.1070, 18.7520, 1.5680 looks on a white background.

Color Contrast Check

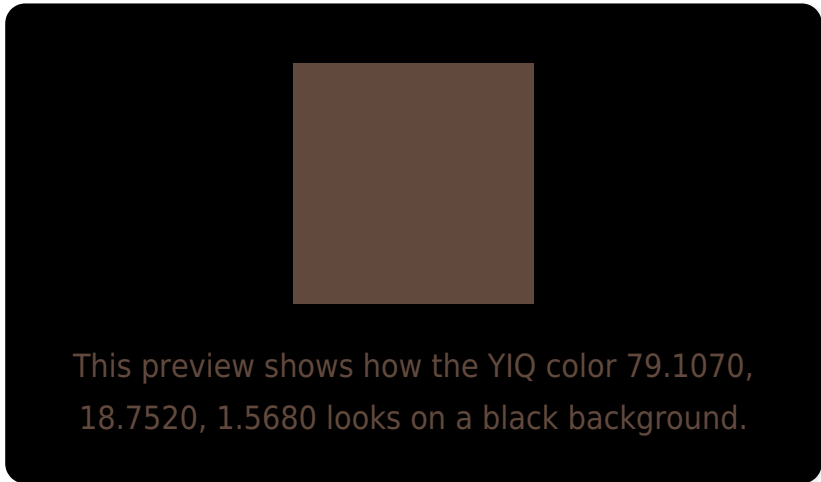
Large Text (above 18pt) WCAG AA ✓ Pass

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

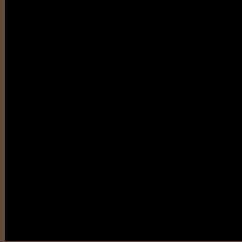
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.1070, 18.7520, 1.5680

Background



This preview shows how black text looks on a background with the YIQ color 79.1070, 18.7520, 1.5680.



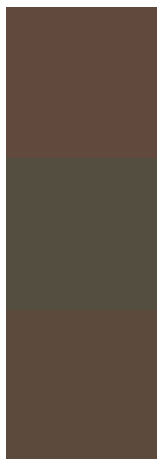
This preview shows how white text looks on a background with the YIQ color 79.1070, 18.7520,

1.5680.

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

79.1070, 18.7520, 1.5680

Protanopia

77.8990, 7.4740, -3.2940

Deuteranopia

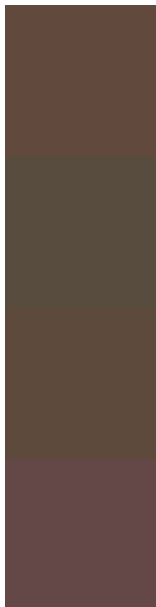
78.4870, 14.6260, -0.7500



Tritanopia

80.2410, 15.6790, 7.7030

Trichromacy



Original Color

79.1070, 18.7520, 1.5680

Protanomaly

78.1060, 11.3250, -1.4990

Deuteranomaly

78.4980, 16.0930, 0.1970

Tritanomaly

79.9590, 16.4130, 5.4130

Monochromacy



Original Color

79.1070, 18.7520, 1.5680

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.1210, 6.9690, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.1070, 18.7520, 1.5680 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(98, 73, 61)` looks like.

```
.text, #text, p{  
    color:rgb(98, 73, 61)  
}
```

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(98, 73, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 73, 61) }
```

Border

The CSS property to change the border of an element to YIQ 79.1070, 18.7520, 1.5680 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(98, 73, 61) }
```


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

```
.border{ border-color:rgb(98, 73, 61) }
```

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

Here you see how a box with a 4 pixel rgb(98, 73, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 73, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 73, 61);  
box-shadow:4px 4px 4px 4px rgb(98, 73, 61)  
}
```

Background

The CSS property to change the background color of an element to YIQ 79.1070, 18.7520, 1.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 73, 61) }
```

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

```
.background{ background-color: rgb(98, 73,  
61) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor