

Converting Colors

YIQ(79.2270, 36.6300, 18.9820)

Have a look what the booklet for
YIQ(79.2270, 36.6300, 18.9820)
contains.

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Color

**YIQ(79.2270, 36.6300,
18.9820)**

Conversions

Conversions Part 1

Format	Color
Hex	7E3947
RGB	126, 57, 71
RGB Percent	49%, 22%, 28%
CMY	0.5057, 0.7766, 0.7214
CMYK	0.00, 0.55, 0.44, 0.51
HSL	348°, 38%, 36%
HSV	348°, 55%, 49%
XYZ	11.2108, 7.8177, 6.8851
YIQ	79.2270, 36.6300, 18.9820

Conversions

Conversions Part 2

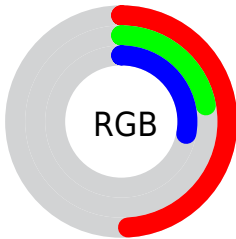
Format	Color
RYB	126, 57, 71
Decimal	8272199
CIELab	33.60, 31.41, 5.84
CIELCh	34, 31.952, 10.528
Yxy	7.8177, 0.4326, 0.3017
Android (android.graphics.Color)	4286462279 (0xFF7E3947)
YUV	79.2270, -4.0559, 41.0199
Hunter-Lab	27.9602, 22.6403, 4.9722

Details

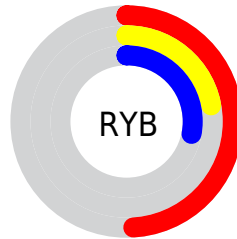
The YIQ color **79.2270, 36.6300, 18.9820** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **103.7730, -36.6300, -18.9820**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **129.9070, 40.5270, 19.9430**, and **29.1280, 32.5950, 20.5230** is the 20% darker color. If you saturate the color by 10%, you get **70.4560, 43.4150, 22.6710**, and if you desaturate by 10%, it is **87.9980, 29.8450, 15.2930**.

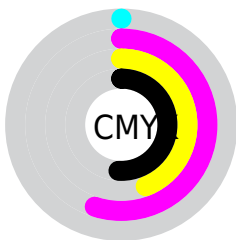
Distribution



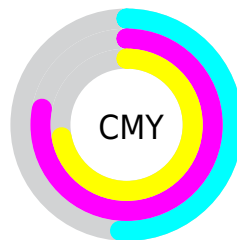
- Red (49%)
- Green (22%)
- Blue (28%)



- Red (49%)
- Yellow (22%)
- Blue (28%)



- Cyan (0%)
- Magenta (55%)
- Yellow (44%)
- Black (51%)



- Cyan (51%)
- Magenta (78%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.2270, 36.6300, 18.9820 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 79.2270, 36.6300, 18.9820 by changing the saturation by 10% instead.

79.2270, 36.6300,
18.9820

79.2270, 36.6300,
18.9820

255.0000, -0.0000,
-0.0000

54.5580, 34.2000,
18.9680

129.9070, 40.5270,
19.9430

29.1280, 32.5950,
20.5230

156.8040, 42.3150,
20.5790

14.9500, 29.8000,
10.6000

184.2880, 43.8280,
20.6920

2.9900, 5.9600,
2.1200

208.1130, 36.9510,
18.6710

0.0000, 0.0000,
0.0000

227.7410, 20.2630,
12.7350

247.9560, 3.3000,

6.2760

■ 79.2270, 36.6300,
18.9820

■ 79.2270, 36.6300,
18.9820

■ 70.4560, 43.4150,
22.6710

■ 87.9980, 29.8450,
15.2930

■ 62.2720, 49.9250,
25.8370

■ 96.1820, 23.3350,
12.1270

■ 53.5010, 56.7100,
29.5260

■ 104.9530, 16.5500,
8.4380

■ 45.3170, 63.2200,
32.6920

■ 113.1370, 10.0400,
5.2720

■ 40.6380, 66.7500,
34.7980

■ 121.9080, 3.2550,
1.5830

■ 130.6790, -3.5300,
-2.1060

■ 138.8630,
-10.0400, -5.2720

■ 147.6340,
-16.8250, -8.9610

■ 155.8180,
-23.3350, -12.1270

Harmonies

Analogous

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



81.1470, 22.4160, 23.2800



79.2270, 36.6300, 18.9820



78.2300, 40.5750, 8.0550

Triad

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



79.2270, 36.6300, 18.9820



72.5580, -2.4720, -21.2880



64.8460, -64.0960, -5.7920

Complementary

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



79.2270, 36.6300, 18.9820



103.7730, -36.6300, -18.9820

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.



65.4840, -60.3810, -12.5490



79.2270, 36.6300, 18.9820



63.6710, -36.5830, -25.3430

Square

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



79.2270, 36.6300, 18.9820



76.0400, 19.7180, -15.9460



63.9220, -53.2270, -21.0590



76.0290, -33.3340, 9.4020

Rectangle

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



79.2270, 36.6300, 18.9820



78.2800, 37.1380, -1.2460



63.9220, -53.2270, -21.0590



65.6780, -63.6830, -7.7710

Sweetspot

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



79.2270, 36.6300, 18.9820



145.3440, 13.8910, 7.0670



81.0120, 10.0350, 32.9070



71.1260, 8.5730, 4.3250



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



79.2270, 36.6300, 18.9820



89.8000, 57.3060, 29.7380



89.3710, 35.6240, 4.1680



59.3210, 3.5300, 2.1060



41.2360, 67.9420, 35.2220



0.0000, 0.0000, 0.0000

Inverse Universe

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



79.2270, 36.6300, 18.9820



89.8000, 57.3060, 29.7380



93.6290, -35.6240, -4.1680



59.3210, 3.5300, 2.1060



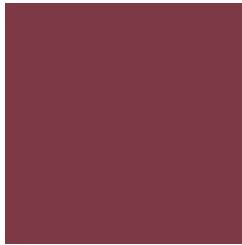
41.2360, 67.9420, 35.2220



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 79.2270, 36.6300, 18.9820 looks on a white background.

Color Contrast Check

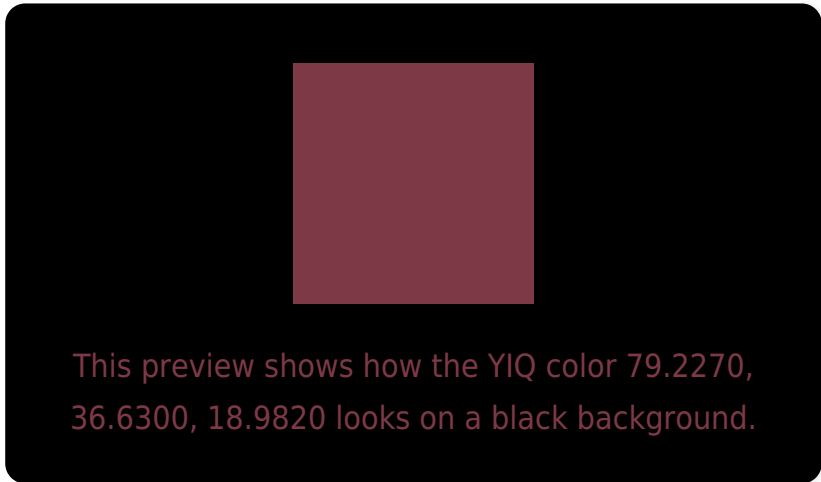
Large Text (above 18pt) WCAG AA ✓ Pass

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

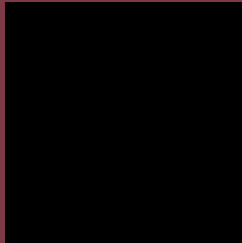
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.2270, 36.6300, 18.9820

Background



This preview shows how black text looks on a background with the YIQ color 79.2270, 36.6300, 18.9820.



This preview shows how white text looks on a background with the YIQ color 79.2270, 36.6300,

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

79.2270, 36.6300, 18.9820

Protanopia

79.7550, -0.6880, 1.4560

Deuteranopia

80.4590, 11.8290, 0.3810



Tritanopia

78.6030, 38.3270, 15.7590

Trichromacy



Original Color

79.2270, 36.6300, 18.9820

Protanomaly

79.6860, 12.9280, 8.0000

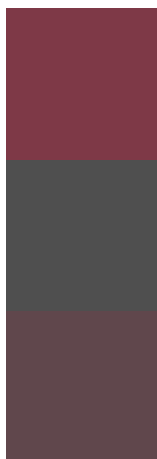
Deuteranomaly

80.0520, 20.5850, 6.8970

Tritanomaly

78.9450, 37.3640, 16.6920

Monochromacy



Original Color

79.2270, 36.6300, 18.9820

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.0450, 13.2950, 6.8550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.2270, 36.6300, 18.9820 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(126, 57, 71)` looks like.

```
.text, #text, p{  
    color:rgb(126, 57, 71)  
}
```

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(126, 57, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 57, 71) }
```

Border

The CSS property to change the border of an element to YIQ 79.2270, 36.6300, 18.9820 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(126, 57, 71) }
```


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

```
.border{ border-color:rgb(126, 57, 71) }
```

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

Here you see how a box with a 4 pixel rgb(126, 57, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 57, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 57, 71);  
box-shadow:4px 4px 4px 4px rgb(126, 57,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 79.2270, 36.6300, 18.9820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 57, 71) }
```

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

```
.background{ background-color: rgb(126, 57,  
71) }
```

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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