

Converting Colors

YIQ(67.5270, 18.2900, 20.9620)

Have a look what the booklet for
YIQ(67.5270, 18.2900, 20.9620)
contains.

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Color

**YIQ(67.5270, 18.2900,
20.9620)**

Conversions

Conversions Part 1

Format	Color
Hex	623153
RGB	98, 49, 83
RGB Percent	38%, 19%, 33%
CMY	0.6155, 0.8079, 0.6745
CMYK	0.00, 0.50, 0.15, 0.62
HSL	318°, 33%, 29%
HSV	318°, 50%, 38%
XYZ	7.7000, 5.4183, 8.8260
YIQ	67.5270, 18.2900, 20.9620

Conversions

Conversions Part 2

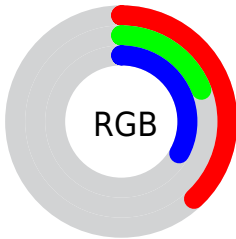
Format	Color
RYB	98, 49, 83
Decimal	6435155
CIELab	27.89, 27.15, -10.88
CIELCh	28, 29.246, 338.169
Yxy	5.4183, 0.3509, 0.2469
Android (android.graphics.Color)	4284625235 (0xFF623153)
YUV	67.5270, 7.6282, 26.7248
Hunter-Lab	23.2771, 18.3125, -6.1870

Details

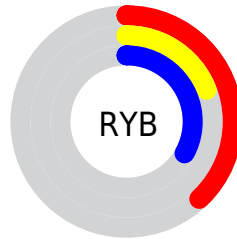
The YIQ color **67.5270, 18.2900, 20.9620** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **79.4730, -18.2900, -20.9620**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **116.9510, 20.0320, 22.4320**, and **20.7440, 16.1810, 20.6370** is the 20% darker color. If you saturate the color by 10%, you get **61.3150, 22.0030, 25.2590**, and if you desaturate by 10%, it is **73.7390, 14.5770, 16.6650**.

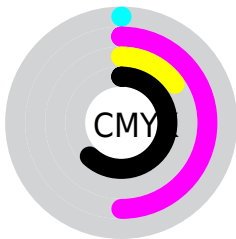
Distribution



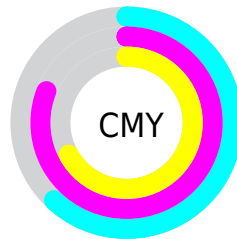
- Red (38%)
- Green (19%)
- Blue (33%)



- Red (38%)
- Yellow (19%)
- Blue (33%)



- Cyan (0%)
- Magenta (50%)
- Yellow (15%)
- Black (62%)



- Cyan (62%)
- Magenta (81%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.5270, 18.2900, 20.9620 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 67.5270, 18.2900, 20.9620 by changing the saturation by 10% instead.

■ 67.5270, 18.2900,
20.9620

■ 67.5270, 18.2900,
20.9620

■ 255.0000, -0.0000,
-0.0000

■ 43.9290, 17.0980,
20.5380

■ 116.9510, 20.0320,
22.4320

■ 20.7440, 16.1810,
20.6370

■ 142.6630, 20.9030,
23.1670

■ 10.3100, 11.2310,
11.2230

■ 169.3750, 21.7740,
23.9020

■ 0.0000, 0.0000,
0.0000

■ 196.9730, 22.9660,
24.3260

■ 222.9940, 18.4730,
23.1530

■ 240.9120, 6.6000,

12.5520

■ 67.5270, 18.2900,
20.9620

■ 67.5270, 18.2900,
20.9620

■ 61.3150, 22.0030,
25.2590

■ 73.7390, 14.5770,
16.6650

■ 55.1030, 25.7160,
29.5560

■ 79.9510, 10.8640,
12.3680

■ 49.4780, 29.1540,
33.3300

■ 85.5760, 7.4260,
8.5940

■ 43.2660, 32.8670,
37.6270

■ 91.7880, 3.7130,
4.2970

■ 37.0540, 36.5800,
41.9240

■ 98.0000, -0.0000,
-0.0000

■ 104.2120, -3.7130,
-4.2970

■ 110.4240, -7.4260,
-8.5940

■ 116.0490,
-10.8640, -12.3680

■ 122.2610,
-14.5770, -16.6650

Harmonies

Analogous

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



67.3980, -3.3960, 17.5000



67.5270, 18.2900, 20.9620



65.9490, 31.5410, 17.5970

Triad

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



67.5270, 18.2900, 20.9620



63.3220, 18.9840, -13.6560



55.2140, -50.7530, -10.8250

Complementary

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



67.5270, 18.2900, 20.9620



79.4730, -18.2900, -20.9620

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.



53.2930, -43.9660, -18.1900



67.5270, 18.2900, 20.9620



60.2210, 0.0950, -18.2490

Square

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



67.5270, 18.2900, 20.9620



64.7630, 31.2240, -4.2000



53.0740, -30.3480, -22.7000



55.0490, -54.4220, -4.9020

Rectangle

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



67.5270, 18.2900, 20.9620



65.1140, 35.2100, 11.6740



53.0740, -30.3480, -22.7000



55.0030, -48.7810, -13.5250

Sweetspot

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



67.5270, 18.2900, 20.9620



115.5760, 7.4260, 8.5940



59.0710, -6.7890, 18.4190



56.5000, 4.5840, 5.0320



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.



67.5270, 18.2900, 20.9620



80.0650, 28.8790, 32.8070



64.7910, 25.9940, 13.4980



45.5380, 1.4210, 1.7810



42.3800, 41.7140, 48.0020



90.6840, 89.7540, 102.5060

Inverse Universe

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



67.5270, 18.2900, 20.9620



80.0650, 28.8790, 32.8070



82.2090, -25.9940, -13.4980



45.5380, 1.4210, 1.7810



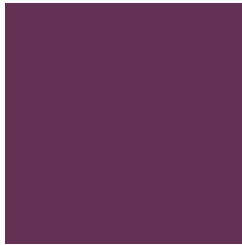
42.3800, 41.7140, 48.0020



90.6840, 89.7540, 102.5060

Previews

White Background



This preview shows how the YIQ color 67.5270, 18.2900, 20.9620 looks on a white background.

Color Contrast Check

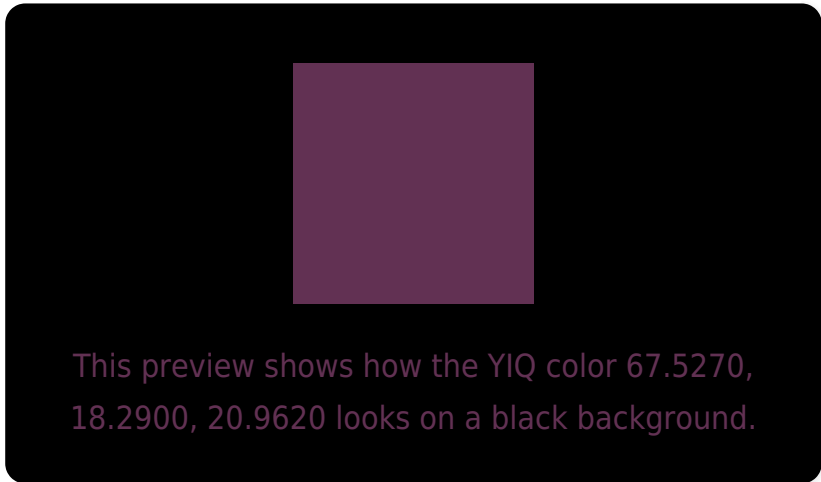
Large Text (above 18pt) WCAG AA ✓ Pass

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

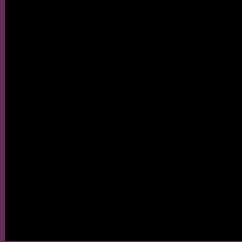
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 67.5270, 18.2900, 20.9620

Background



This preview shows how black text looks on a background with the YIQ color 67.5270, 18.2900, 20.9620.



This preview shows how white text looks on a background with the YIQ color 67.5270, 18.2900,

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

67.5270, 18.2900, 20.9620

Protanopia

66.0280, -14.3980, 7.6340

Deuteranopia

67.0090, -4.2190, 4.8770



Tritanopia

66.7150, 23.1520, 9.9360

Trichromacy



Original Color

67.5270, 18.2900, 20.9620

Protanomaly

66.5350, -2.5240, 12.7080

Deuteranomaly

67.1890, 4.2620, 10.8700

Tritanomaly

66.8660, 21.4090, 13.9930

Monochromacy



Original Color

67.5270, 18.2900, 20.9620

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

67.7500, 6.8760, 7.5480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.5270, 18.2900, 20.9620 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, 49, 83)` looks like.

```
.text, #text, p{  
    color:rgb(98, 49, 83)  
}
```

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, 49, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 49, 83) }
```

Border

The CSS property to change the border of an element to YIQ 67.5270, 18.2900, 20.9620 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, 49, 83) }
```


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

```
.border{ border-color:rgb(98, 49, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 49, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 49, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 49, 83);  
box-shadow:4px 4px 4px 4px rgb(98, 49, 83)  
}
```

Background

The CSS property to change the background color of an element to YIQ 67.5270, 18.2900, 20.9620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 49, 83) }
```

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

```
.background{ background-color: rgb(98, 49,  
83) }
```

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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