

Converting Colors

YIQ(81.9920, 20.8140, 8.2540)

Have a look what the booklet for
YIQ(81.9920, 20.8140, 8.2540)
contains.

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Color

**YIQ(81.9920, 20.8140,
8.2540)**

Conversions

Conversions Part 1

Format	Color
Hex	6B4749
RGB	107, 71, 73
RGB Percent	42%, 28%, 29%
CMY	0.5803, 0.7216, 0.7136
CMYK	0.00, 0.34, 0.32, 0.58
HSL	357°, 20%, 35%
HSV	357°, 34%, 42%
XYZ	9.5216, 8.1130, 7.3711
YIQ	81.9920, 20.8140, 8.2540

Conversions

Conversions Part 2

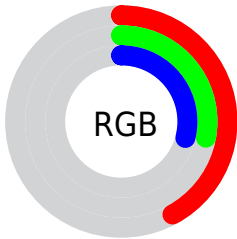
Format	Color
RYB	107, 71, 73
Decimal	7030601
CIELab	34.22, 15.76, 5.07
CIELCh	34, 16.559, 17.828
Yxy	8.1130, 0.3808, 0.3244
Android (android.graphics.Color)	4285220681 (0xFF6B4749)
YUV	81.9920, -4.4331, 21.9320
Hunter-Lab	28.4834, 9.8243, 4.5951

Details

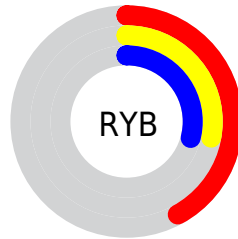
The YIQ color **81.9920, 20.8140, 8.2540** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **96.0080, -20.8140, -8.2540**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **131.7750, 22.9230, 8.5790**, and **36.6110, 17.5130, 7.5050** is the 20% darker color. If you saturate the color by 10%, you get **74.3950, 27.0490, 10.8970**, and if you desaturate by 10%, it is **89.5890, 14.5790, 5.6110**.

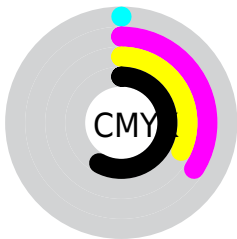
Distribution



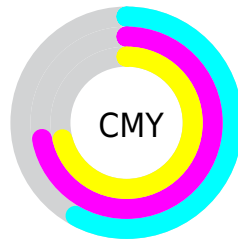
- Red (42%)
- Green (28%)
- Blue (29%)



- Red (42%)
- Yellow (28%)
- Blue (29%)



- Cyan (0%)
- Magenta (34%)
- Yellow (32%)
- Black (58%)



- Cyan (58%)
- Magenta (72%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 81.9920, 20.8140, 8.2540 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 81.9920, 20.8140, 8.2540 by changing the saturation by 10% instead.

81.9920, 20.8140,
8.2540

81.9920, 20.8140,
8.2540

255.0000, -0.0000,
-0.0000

58.5080, 19.3010,
8.1410

131.8890, 22.6020,
8.8900

36.6110, 17.5130,
7.5050

158.3730, 24.1150,
9.0030

13.2800, 19.9430,
7.5190

185.0850, 24.9860,
9.7380

0.0000, 0.0000,
0.0000

212.9710, 25.3070,
9.4270

236.1870, 15.7710,
6.0350

81.9920, 20.8140,
8.2540

81.9920, 20.8140,
8.2540

74.3950, 27.0490,
10.8970

89.5890, 14.5790,
5.6110

67.3850, 33.0090,
13.0170

96.5990, 8.6190,
3.4910

59.7880, 39.2440,
15.6600

104.1960, 2.3840,
0.8480

52.1910, 45.4790,
18.3030

111.7930, -3.8510,
-1.7950

44.5940, 51.7140,
20.9460

118.9170,
-10.1320, -3.6040

37.4700, 57.9950,
22.7550

126.5140,
-16.3670, -6.2470

32.6770, 61.8460,
24.5500

134.1110,
-22.6020, -8.8900

141.7080,

-28.8370, -11.5330

■ 148.7180,
-34.7970, -13.6530

Harmonies

Analogous

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



82.2780, 14.2570, 11.4490



81.9920, 20.8140, 8.2540



81.6020, 21.7320, 2.6280

Triad

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



81.9920, 20.8140, 8.2540



76.9960, -3.3450, -10.9690



77.5490, -23.4750, 1.4290

Complementary

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



81.9920, 20.8140, 8.2540



96.0080, -20.8140, -8.2540

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.



74.3260, -30.3970, -5.2850



81.9920, 20.8140, 8.2540



75.0530, -16.6870, -11.4630

Square

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



81.9920, 20.8140, 8.2540



78.9220, 8.6670, -8.3970



73.9470, -28.0120, -9.9640



80.7680, -10.7300, 7.2380

Rectangle

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



81.9920, 20.8140, 8.2540



80.2980, 19.5320, -1.5560



73.9470, -28.0120, -9.9640



76.1140, -26.6840, -0.9880

Sweetspot

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



81.9920, 20.8140, 8.2540



130.3000, 8.0230, 3.2790



85.2700, 8.7080, 18.4040



65.3920, 4.7680, 1.6960



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



81.9920, 20.8140, 8.2540



101.0860, 32.4130, 12.8050



91.1560, 17.0560, -0.7360



49.7940, 3.5760, 1.2720



35.7810, 67.4850, 26.9810



74.8510, 141.5260, 56.2940

Inverse Universe

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



81.9920, 20.8140, 8.2540



101.0860, 32.4130, 12.8050



86.8440, -17.0560, 0.7360



49.7940, 3.5760, 1.2720



35.7810, 67.4850, 26.9810



74.8510, 141.5260, 56.2940

Previews

White Background



This preview shows how the YIQ color 81.9920, 20.8140, 8.2540 looks on a white background.

Color Contrast Check

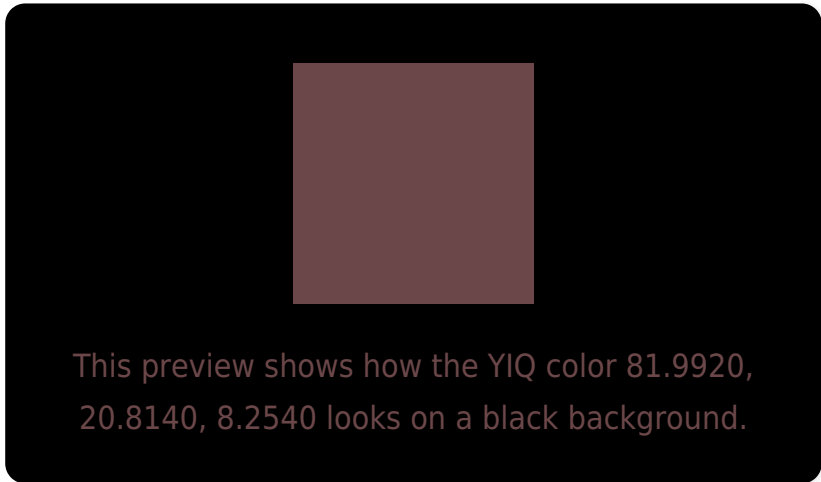
Large Text (above 18pt) WCAG AA ✓ Pass

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

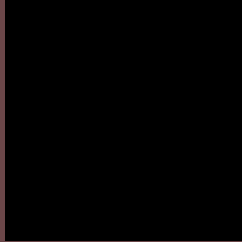
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 81.9920, 20.8140, 8.2540

Background



This preview shows how black text looks on a background with the YIQ color 81.9920, 20.8140, 8.2540.



This preview shows how white text looks on a background with the YIQ color 81.9920, 20.8140,

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

81.9920, 20.8140, 8.2540

Protanopia

80.6690, 2.4300, 0.0140

Deuteranopia

81.5020, 10.2700, 1.1020



Tritanopia

82.3340, 19.8510, 9.1870

Trichromacy



Original Color

81.9920, 20.8140, 8.2540

Protanomaly

81.3710, 9.2610, 2.8690

Deuteranomaly

81.2360, 14.0750, 3.7310

Tritanomaly

82.2200, 20.1720, 8.8760

Monochromacy



Original Color

81.9920, 20.8140, 8.2540

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

82.0010, 7.4270, 3.0670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.9920, 20.8140, 8.2540 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(107, 71, 73)` looks like.

```
.text, #text, p{  
    color:rgb(107, 71, 73)  
}
```

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(107, 71, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 71, 73) }
```

Border

The CSS property to change the border of an element to YIQ 81.9920, 20.8140, 8.2540 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(107, 71, 73) }
```


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

```
.border{ border-color:rgb(107, 71, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 71, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 71, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 71, 73);  
box-shadow:4px 4px 4px 4px rgb(107, 71,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 81.9920, 20.8140, 8.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 71, 73) }
```

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

```
.background{ background-color: rgb(107, 71,  
73) }
```

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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