

Converting Colors

YIQ(81.2520, 17.1460, 8.6500)

Have a look what the booklet for
YIQ(81.2520, 17.1460, 8.6500)
contains.

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Color

**YIQ(81.2520, 17.1460,
8.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	67474D
RGB	103, 71, 77
RGB Percent	40%, 28%, 30%
CMY	0.5960, 0.7216, 0.6980
CMYK	0.00, 0.31, 0.25, 0.60
HSL	349°, 18%, 34%
HSV	349°, 31%, 40%
XYZ	9.1884, 7.9256, 8.0697
YIQ	81.2520, 17.1460, 8.6500

Conversions

Conversions Part 2

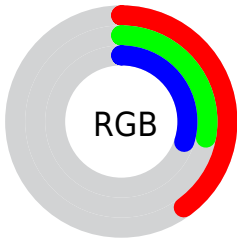
Format	Color
R_{YB}	103, 71, 77
Decimal	6768461
CIE _{Lab}	33.83, 14.70, 1.90
CIE _{LCh}	34, 14.824, 7.363
Yxy	7.9256, 0.3649, 0.3147
Android (android.graphics.Color)	4284958541 (0xFF67474D)
YUV	81.2520, -2.0962, 19.0730
Hunter-Lab	28.1524, 8.9920, 2.7117

Details

The YIQ color **81.2520, 17.1460, 8.6500** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **92.7480, -17.1460, -8.6500**, and the grayscale version is **81.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **131.1490, 18.9340, 9.2860**, and **36.0560, 14.7620, 7.8020** is the 20% darker color. If you saturate the color by 10%, you get **74.4700, 22.4640, 11.3920**, and if you desaturate by 10%, it is **88.0340, 11.8280, 5.9080**.

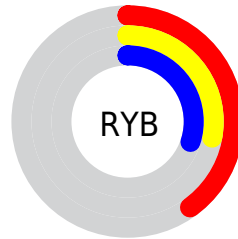
Distribution




 Red (40%)

 Green (28%)

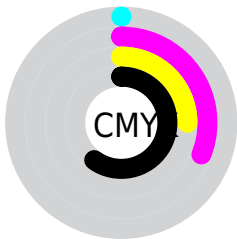
 Blue (30%)



 Red (40%)

 Yellow (28%)

 Blue (30%)

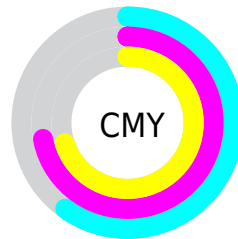



 Cyan (0%)

 Magenta (31%)

 Yellow (25%)

 Black (60%)



 Cyan (60%)

 Magenta (72%)

 Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 81.2520, 17.1460, 8.6500 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 81.2520, 17.1460, 8.6500 by changing the saturation by 10% instead.

81.2520, 17.1460,
8.6500

81.2520, 17.1460,
8.6500

255.0000, -0.0000,
-0.0000

57.6540, 15.9540,
8.2260

131.1490, 18.9340,
9.2860

36.0560, 14.7620,
7.8020

156.8610, 19.8050,
10.0210

12.7790, 17.1000,
9.4840

184.0460, 20.7220,
9.9220

0.0000, 0.0000,
0.0000

211.4590, 20.9970,
10.4450

236.7570, 14.1660,
7.5900

81.2520, 17.1460,
8.6500

81.2520, 17.1460,
8.6500

74.4700, 22.4640,
11.3920

88.0340, 11.8280,
5.9080

66.9870, 28.3780,
14.3460

95.5170, 5.9140,
2.9540

60.2050, 33.6960,
17.0880

102.2990, 0.5960,
0.2120

53.4230, 39.0140,
19.8300

109.0810, -4.7220,
-2.5300

45.9400, 44.9280,
22.7840

115.9770,
-10.3610, -4.9610

39.1580, 50.2460,
25.5260


123.3460,
-15.9540, -8.2260

32.9630, 55.2890,
27.7450

130.2420,
-21.5930, -10.6570

137.0240,

-26.9110, -13.3990

 144.3930,
-32.5040, -16.6640

Harmonies

Analogous

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



81.4130, 9.4430, 10.5870



81.2520, 17.1460, 8.6500



80.2860, 19.8060, 4.4940

Triad

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



81.2520, 17.1460, 8.6500



77.2030, 0.5060, -9.1740



76.3810, -23.0620, -0.5500

Complementary

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



81.2520, 17.1460, 8.6500



92.7480, -17.1460, -8.6500

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.



73.9520, -26.4080, -5.9920



81.2520, 17.1460, 8.6500



75.5160, -10.6810, -10.1770

Square

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



81.2520, 17.1460, 8.6500



78.7590, 10.6840, -6.4040



74.1820, -21.3640, -9.3000



79.3330, -13.9390, 4.8210

Rectangle

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



81.2520, 17.1460, 8.6500



80.4660, 19.1190, 0.4230



74.1820, -21.3640, -9.3000



75.5440, -25.0790, -2.5430

Sweetspot

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



81.2520, 17.1460, 8.6500



126.8160, 6.5100, 3.1660



82.4220, 5.2240, 15.4640



63.6200, 4.1260, 2.3180



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.



81.2520, 17.1460, 8.6500



101.0900, 26.5900, 13.7100



86.4380, 16.3220, 1.5540



47.6090, 2.6590, 1.3710



36.8930, 61.4780, 31.2220



77.6020, 129.4660, 65.6100

Inverse Universe

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



81.2520, 17.1460, 8.6500



101.0900, 26.5900, 13.7100



87.5620, -16.3220, -1.5540



47.6090, 2.6590, 1.3710



36.8930, 61.4780, 31.2220



77.6020, 129.4660, 65.6100

Previews

White Background



This preview shows how the YIQ color 81.2520, 17.1460, 8.6500 looks on a white background.

Color Contrast Check

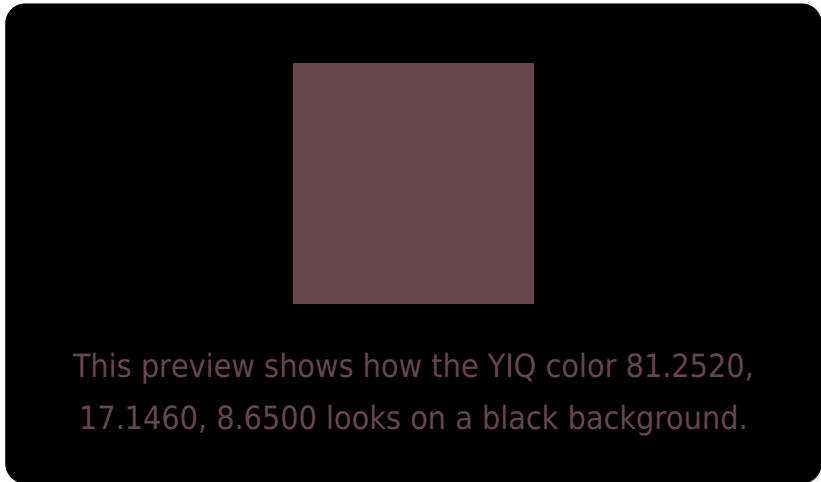
Large Text (above 18pt) WCAG AA ✓ Pass

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

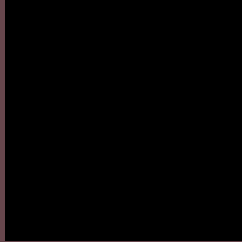
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 81.2520, 17.1460, 8.6500

Background



This preview shows how black text looks on a background with the YIQ color 81.2520, 17.1460, 8.6500.



This preview shows how white text looks on a background with the YIQ color 81.2520, 17.1460,

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

81.2520, 17.1460, 8.6500

Protanopia

79.9400, 0.2290, 1.3570

Deuteranopia

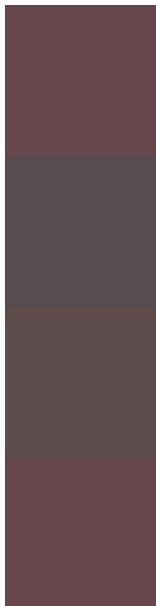
80.4740, 7.4730, 2.2330



Tritanopia

81.1380, 17.4670, 8.3390

Trichromacy



Original Color

81.2520, 17.1460, 8.6500

Protanomaly

80.3430, 6.4640, 4.0000

Deuteranomaly

80.7950, 11.0030, 4.3390

Tritanomaly

81.1380, 17.4670, 8.3390

Monochromacy



Original Color

81.2520, 17.1460, 8.6500

Achromatopsia

81.0000, -0.0000, 0.0000

Achromatomaly

80.9300, 6.1890, 3.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.2520, 17.1460, 8.6500 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(103, 71, 77)` looks like.

```
.text, #text, p{  
    color:rgb(103, 71, 77)  
}
```

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(103, 71, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 71, 77) }
```

Border

The CSS property to change the border of an element to YIQ 81.2520, 17.1460, 8.6500 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(103, 71, 77) }
```


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

```
.border{ border-color:rgb(103, 71, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 71, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 71, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 71, 77);  
box-shadow:4px 4px 4px 4px rgb(103, 71,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 81.2520, 17.1460, 8.6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 71, 77) }
```

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

```
.background{ background-color: rgb(103, 71,  
77) }
```

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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