

Converting Colors

YIQ(81.5280, 16.5490, 13.9650)

Have a look what the booklet for
YIQ(81.5280, 16.5490, 13.9650)
contains.

YIQ(81.5280, 16.5490, 13.9650)	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(81.5280, 16.5490,
13.9650)**

Conversions

Conversions Part 1

Format	Color
Hex	6A4457
RGB	106, 68, 87
RGB Percent	42%, 27%, 34%
CMY	0.5842, 0.7334, 0.6588
CMYK	0.00, 0.36, 0.18, 0.58
HSL	330°, 22%, 34%
HSV	330°, 36%, 42%
XYZ	9.7339, 7.8864, 10.0288
YIQ	81.5280, 16.5490, 13.9650

Conversions

Conversions Part 2

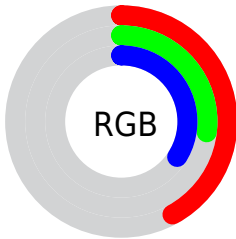
Format	Color
R_{YB}	106, 68, 87
Decimal	6964311
CIE Lab	33.75, 19.51, -4.55
CIE LCh	34, 20.036, 346.862
Yxy	7.8864, 0.3521, 0.2852
Android (android.graphics.Color)	4285154391 (0xFF6A4457)
YUV	81.5280, 2.6977, 21.4619
Hunter-Lab	28.0828, 12.7262, -1.5155

Details

The YIQ color **81.5280, 16.5490, 13.9650** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **92.4720, -16.5490, -13.9650**, and the grayscale version is **81.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **131.5390, 18.0160, 14.9120**, and **36.2180, 14.4860, 12.8060** is the 20% darker color. If you saturate the color by 10%, you get **74.5010, 21.1790, 18.1630**, and if you desaturate by 10%, it is **88.5550, 11.9190, 9.7670**.

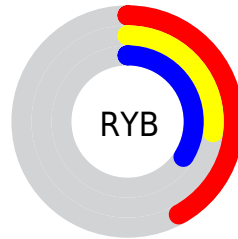
Distribution



Red (42%)

Green (27%)

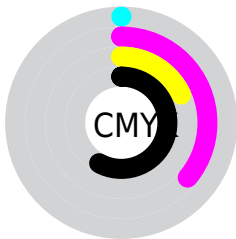
Blue (34%)



Red (42%)

Yellow (27%)

Blue (34%)

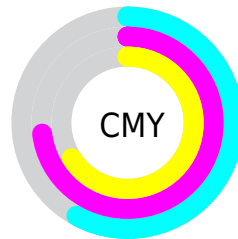


Cyan (0%)

Magenta (36%)

Yellow (18%)

Black (58%)



Cyan (58%)

Magenta (73%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 81.5280, 16.5490, 13.9650 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 81.5280, 16.5490, 13.9650 by changing the saturation by 10% instead.

■ 81.5280, 16.5490,
13.9650

■ 81.5280, 16.5490,
13.9650

255.0000, -0.0000,
-0.0000

■ 57.9300, 15.3570,
13.5410

■ 131.5390, 18.0160,
14.9120

■ 36.2180, 14.4860,
12.8060

■ 157.2510, 18.8870,
15.6470

■ 13.2720, 14.3940,
14.4740

■ 184.5500, 19.4830,
15.8590

■ 0.0000, 0.0000,
0.0000

■ 212.2620, 20.3540,
16.5940

■ 235.7770, 11.4140,
13.4140

253.8260, 0.5500,

1.0460

■ 81.5280, 16.5490,
13.9650

■ 81.5280, 16.5490,
13.9650

■ 74.5010, 21.1790,
18.1630

■ 88.5550, 11.9190,
9.7670

■ 67.9470, 25.8550,
21.5270

■ 95.1090, 7.2430,
6.4030

■ 60.9200, 30.4850,
25.7250

■ 102.1360, 2.6130,
2.2050

■ 54.4800, 34.8400,
29.4000

■ 108.5760, -1.7420,
-1.4700

■ 47.4530, 39.4700,
33.5980

■ 115.7170, -6.6930,
-5.3570

■ 40.3120, 44.4210,
37.4850

■ 122.7440,
-11.3230, -9.5550

■ 37.7360, 46.1630,
38.9550

■ 129.1840,
-15.6780, -13.2300

■ 136.2110,
-20.3080, -17.4280

■ 142.7650,
-24.9840, -20.7920

Harmonies

Analogous

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



81.2860, 2.6110, 13.2590



81.5280, 16.5490, 13.9650



80.6120, 24.9400, 10.5720

Triad

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



81.5280, 16.5490, 13.9650



77.3520, 10.2720, -9.9520



69.2860, -42.0880, -8.1680

Complementary

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



81.5280, 16.5490, 13.9650



92.4720, -16.5490, -13.9650

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.



69.4620, -36.9520, -13.1440



81.5280, 16.5490, 13.9650



75.2300, -4.1240, -13.3720

Square

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



81.5280, 16.5490, 13.9650



78.9020, 20.5870, -4.1570



72.4330, -20.8130, -13.7810



75.0150, -30.7190, 0.5530

Rectangle

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



81.5280, 16.5490, 13.9650



80.0480, 26.4080, 5.9920



72.4330, -20.8130, -13.7810



68.5200, -42.8670, -10.5710

Sweetspot

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



81.5280, 16.5490, 13.9650



128.2830, 6.6930, 5.3570



77.7140, -1.4700, 15.6340



63.1470, 4.0800, 3.1520



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.



81.5280, 16.5490, 13.9650



99.3600, 26.1300, 22.0500



79.4760, 22.3270, 8.3670



50.1360, 2.6130, 2.2050



41.7090, 50.7930, 43.1530



87.1630, 106.8580, 89.8820

Inverse Universe

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



81.5280, 16.5490, 13.9650



99.3600, 26.1300, 22.0500



94.5240, -22.3270, -8.3670



50.1360, 2.6130, 2.2050



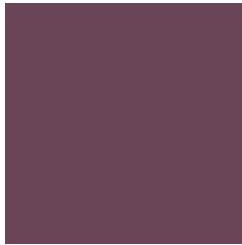
41.7090, 50.7930, 43.1530



87.1630, 106.8580, 89.8820

Previews

White Background



This preview shows how the YIQ color 81.5280, 16.5490, 13.9650 looks on a white background.

Color Contrast Check

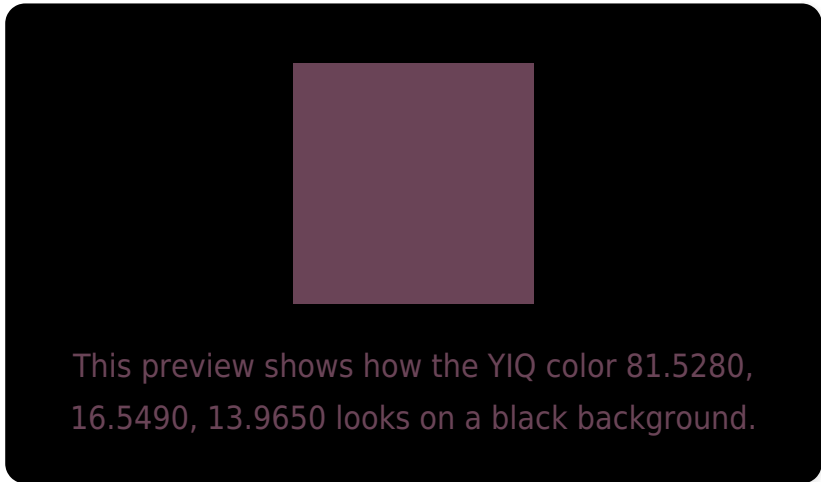
Large Text (above 18pt) WCAG AA ✓ Pass

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

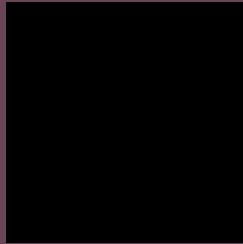
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 81.5280, 16.5490, 13.9650

Background



This preview shows how black text looks on a background with the YIQ color 81.5280, 16.5490, 13.9650.

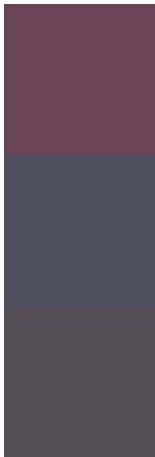


This preview shows how white text looks on a background with the YIQ color 81.5280, 16.5490,

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

81.5280, 16.5490, 13.9650

Protanopia

80.1120, -6.0070, 4.2410

Deuteranopia

80.3040, 2.2000, 4.1840



Tritanopia

81.0350, 19.2550, 8.9750

Trichromacy



Original Color

81.5280, 16.5490, 13.9650

Protanomaly

80.7110, 2.6120, 7.7320

Deuteranomaly

81.0490, 7.4720, 7.7600

Tritanomaly

80.9040, 18.2460, 10.7420

Monochromacy



Original Color

81.5280, 16.5490, 13.9650

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

81.9840, 6.0970, 5.1450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.5280, 16.5490, 13.9650 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(106, 68, 87)` looks like.

```
.text, #text, p{  
    color:rgb(106, 68, 87)  
}
```

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(106, 68, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 68, 87) }
```

Border

The CSS property to change the border of an element to YIQ 81.5280, 16.5490, 13.9650 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(106, 68, 87) }
```


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

```
.border{ border-color:rgb(106, 68, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 68, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 68, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 68, 87);  
box-shadow:4px 4px 4px 4px rgb(106, 68,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 81.5280, 16.5490, 13.9650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 68, 87) }
```

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

```
.background{ background-color: rgb(106, 68,  
87) }
```

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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