

Converting Colors

YIQ(82.2060, 14.7600, 18.8560)

Have a look what the booklet for
YIQ(82.2060, 14.7600, 18.8560)
contains.

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Color

**YIQ(82.2060, 14.7600,
18.8560)**

Conversions

Conversions Part 1

Format	Color
Hex	6C4262
RGB	108, 66, 98
RGB Percent	42%, 26%, 38%
CMY	0.5763, 0.7412, 0.6157
CMYK	0.00, 0.39, 0.09, 0.58
HSL	314°, 24%, 34%
HSV	314°, 39%, 42%
XYZ	10.3403, 7.9664, 12.5501
YIQ	82.2060, 14.7600, 18.8560

Conversions

Conversions Part 2

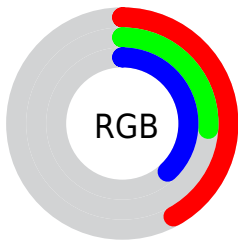
Format	Color
R_{YB}	108, 66, 98
Decimal	7094882
CIE _{Lab}	33.91, 23.55, -11.28
CIE _{LCh}	34, 26.109, 334.413
Yxy	7.9664, 0.3351, 0.2582
Android (android.graphics.Color)	4285284962 (0xFF6C4262)
YUV	82.2060, 7.7864, 22.6213
Hunter-Lab	28.2249, 16.0004, -6.6057

Details

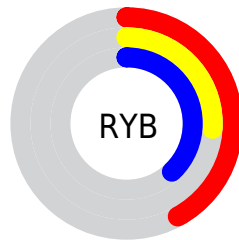
The YIQ color **82.2060, 14.7600, 18.8560** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **91.7940, -14.7600, -18.8560**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **132.3310, 15.9060, 20.1140**, and **35.7820, 13.0180, 17.3860** is the 20% darker color. If you saturate the color by 10%, you get **75.4070, 18.7480, 23.6760**, and if you desaturate by 10%, it is **89.0050, 10.7720, 14.0360**.

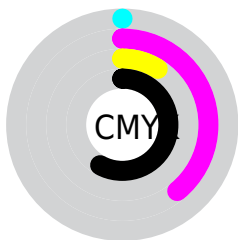
Distribution



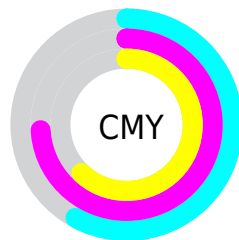
- Red (42%)
- Green (26%)
- Blue (38%)



- Red (42%)
- Yellow (26%)
- Blue (38%)



- Cyan (0%)
- Magenta (39%)
- Yellow (9%)
- Black (58%)



- Cyan (58%)
- Magenta (74%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.2060, 14.7600, 18.8560 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 82.2060, 14.7600, 18.8560 by changing the saturation by 10% instead.

■ 82.2060, 14.7600,
18.8560

■ 82.2060, 14.7600,
18.8560

■ 255.0000, -0.0000,
-0.0000

■ 58.4940, 13.8890,
18.1210

■ 132.3310, 15.9060,
20.1140

■ 35.8960, 12.6970,
17.6970

■ 158.9290, 17.0980,
20.5380

■ 14.7820, 13.0180,
17.3860

■ 185.7550, 17.6480,
21.5840

■ 0.2280, -0.6420,
0.6220

■ 213.7550, 17.6480,
21.5840

■ 0.0000, 0.0000,
0.0000

■ 236.2160, 8.8000,
16.7360

■ 252.6520, 1.1000,

2.0920

■ 82.2060, 14.7600,
18.8560

■ 82.2060, 14.7600,
18.8560

■ 75.4070, 18.7480,
23.6760

■ 89.0050, 10.7720,
14.0360

■ 68.7220, 22.4150,
28.8070

■ 95.6900, 7.1050,
8.9050

■ 62.5100, 26.1280,
33.1040

■ 101.9020, 3.3920,
4.6080

■ 55.8250, 29.7950,
38.2350

■ 108.5870, -0.2750,
-0.5230

■ 49.0260, 33.7830,
43.0550

■ 115.3860, -4.2630,
-5.3430

■ 42.3410, 37.4500,
48.1860

■ 122.0710, -7.9300,
-10.4740

■ 41.6400, 38.0460,
48.3980

■ 128.8700,
-11.9180, -15.2940

■ 135.0820,
-15.6310, -19.5910

■ 141.7670,
-19.2980, -24.7220

Harmonies

Analogous

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



81.5610, -5.4130, 15.5070



82.2060, 14.7600, 18.8560



81.3400, 28.8820, 16.2260

Triad

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



82.2060, 14.7600, 18.8560



78.2020, 19.4420, -10.9420



64.4580, -57.4920, -15.3480

Complementary

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



82.2060, 14.7600, 18.8560



91.7940, -14.7600, -18.8560

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.



62.7650, -51.3470, -22.0910



82.2060, 14.7600, 18.8560



75.3570, 2.7080, -16.0440

Square

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



82.2060, 14.7600, 18.8560



79.1590, 30.1690, -1.5990



71.4560, -19.6200, -18.8840



64.4070, -61.4820, -9.1140

Rectangle

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



82.2060, 14.7600, 18.8560



80.4450, 32.7800, 11.6600



71.4560, -19.6200, -18.8840



63.7740, -55.5660, -17.2140

Sweetspot

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



82.2060, 14.7600, 18.8560



129.5650, 5.9590, 7.6470



73.7780, -7.5220, 15.1820



64.9020, 3.3920, 4.6080



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.



82.2060, 14.7600, 18.8560



99.5480, 22.9650, 29.8530



79.8120, 21.5010, 12.3250



50.2500, 2.2920, 2.5160



45.1290, 41.1630, 52.4830



94.4590, 86.3140, 109.7860

Inverse Universe

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



82.2060, 14.7600, 18.8560



99.5480, 22.9650, 29.8530



94.1880, -21.5010, -12.3250



50.2500, 2.2920, 2.5160



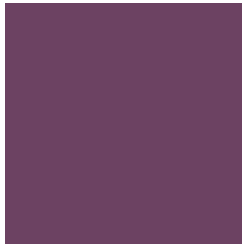
45.1290, 41.1630, 52.4830



94.4590, 86.3140, 109.7860

Previews

White Background



This preview shows how the YIQ color 82.2060, 14.7600, 18.8560 looks on a white background.

Color Contrast Check

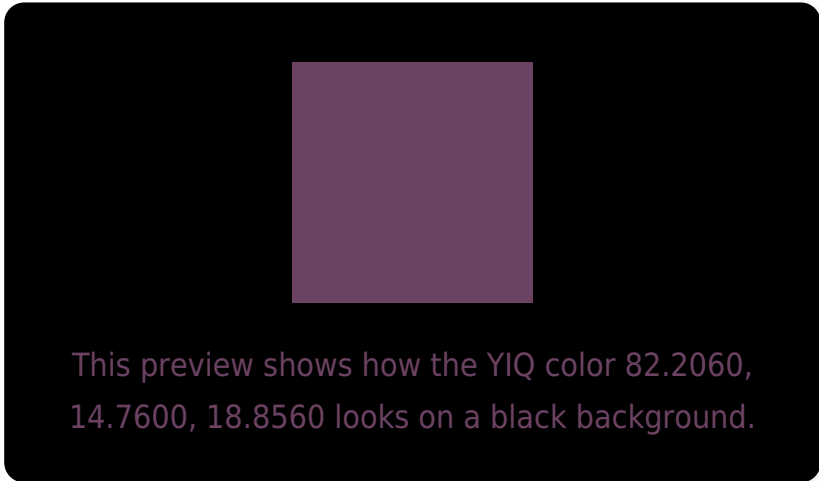
Large Text (above 18pt) WCAG AA ✓ Pass

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

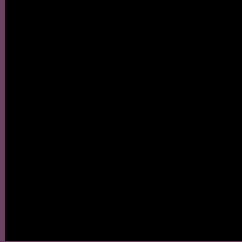
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.2060, 14.7600, 18.8560

Background



This preview shows how black text looks on a background with the YIQ color 82.2060, 14.7600, 18.8560.



This preview shows how white text looks on a background with the YIQ color 82.2060, 14.7600,

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

82.2060, 14.7600, 18.8560

Protanopia

80.0990, -13.1600, 7.2240

Deuteranopia

80.6500, -4.5860, 6.0220



Tritanopia

81.1490, 18.9340, 9.2860

Trichromacy



Original Color

82.2060, 14.7600, 18.8560

Protanomaly

80.7090, -3.0740, 11.6620

Deuteranomaly

81.4060, 2.1530, 10.5450

Tritanomaly

81.7730, 17.2370, 12.5090

Monochromacy



Original Color

82.2060, 14.7600, 18.8560

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

81.8530, 5.0880, 6.9120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.2060, 14.7600, 18.8560 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(108, 66, 98)` looks like.

```
.text, #text, p{  
    color:rgb(108, 66, 98)  
}
```

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(108, 66, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 66, 98) }
```

Border

The CSS property to change the border of an element to YIQ 82.2060, 14.7600, 18.8560 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(108, 66, 98) }
```


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

```
.border{ border-color:rgb(108, 66, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 66, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 66, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 66, 98);  
box-shadow:4px 4px 4px 4px rgb(108, 66,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 82.2060, 14.7600, 18.8560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 66, 98) }
```

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

```
.background{ background-color: rgb(108, 66,  
98) }
```

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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