

Converting Colors

YIQ(82.6480, 6.9230, 1.1870)

Have a look what the booklet for
YIQ(82.6480, 6.9230, 1.1870)
contains.

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Color

YIQ(82.6480, 6.9230, 1.1870)

Conversions

Conversions Part 1

Format	Color
Hex	5A504D
RGB	90, 80, 77
RGB Percent	35%, 31%, 30%
CMY	0.6470, 0.6863, 0.6980
CMYK	0.00, 0.11, 0.14, 0.65
HSL	14°, 8%, 33%
HSV	14°, 14%, 35%
XYZ	8.4252, 8.4466, 8.2089
YIQ	82.6480, 6.9230, 1.1870

Conversions

Conversions Part 2

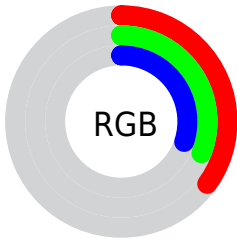
Format	Color
RYB	90, 81, 77
Decimal	5918797
CIELab	34.90, 3.56, 3.26
CIElCh	35, 4.827, 42.518
Yxy	8.4466, 0.3359, 0.3368
Android (android.graphics.Color)	4284108877 (0xFF5A504D)
YUV	82.6480, -2.7845, 6.4477
Hunter-Lab	29.0630, 0.8857, 3.5975

Details

The YIQ color **82.6480, 6.9230, 1.1870** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **84.3520, -6.9230, -1.1870**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **131.9470, 7.5190, 1.3990**, and **38.0500, 5.7310, 0.7630** is the 20% darker color. If you saturate the color by 10%, you get **77.5130, 11.7370, 2.0490**, and if you desaturate by 10%, it is **87.7830, 2.1090, 0.3250**.

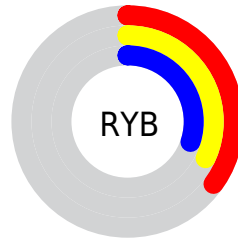
Distribution



Red (35%)

Green (31%)

Blue (30%)



Red (35%)

Yellow (32%)

Blue (30%)

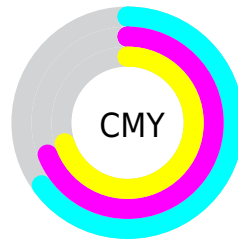


Cyan (0%)

Magenta (11%)

Yellow (14%)

Black (65%)



Cyan (65%)

Magenta (69%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.6480, 6.9230, 1.1870 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 82.6480, 6.9230, 1.1870 by changing the saturation by 10% instead.

■ 82.6480, 6.9230,
1.1870

■ 82.6480, 6.9230,
1.1870

255.0000, -0.0000,
-0.0000

■ 59.6480, 6.9230,
1.1870

■ 131.9470, 7.5190,
1.3990

■ 38.0500, 5.7310,
0.7630

■ 158.2460, 8.1150,
1.6110

■ 16.5340, 7.2440,
0.8760

■ 185.1320, 8.4360,
1.3000

■ 0.0000, 0.0000,
0.0000

■ 213.1320, 8.4360,
1.3000

■ 241.1320, 8.4360,
1.3000

■ 82.6480, 6.9230,
1.1870

■ 82.6480, 6.9230,
1.1870

■ 77.5130, 11.7370,
2.0490

■ 87.7830, 2.1090,
0.3250

■ 72.3780, 16.5510,
2.9110

■ 92.9180, -2.7050,
-0.5370

■ 67.2430, 21.3650,
3.7730

■ 98.0530, -7.5190,
-1.3990

■ 62.1080, 26.1790,
4.6350

■ 103.1880,
-12.3330, -2.2610

■ 56.9730, 30.9930,
5.4970

■ 108.3230,
-17.1470, -3.1230

■ 51.8380, 35.8070,
6.3590

■ 113.4580,
-21.9610, -3.9850

■ 46.7030, 40.6210,
7.2210

■ 118.5930,
-26.7750, -4.8470

■ 42.1550, 45.1600,

■ 123.1410,

7.5600

-31.3140, -5.1860

■ 39.2370, 47.8650,
8.0970

■ 128.2760,
-36.1280, -6.0480

Harmonies

Analogous

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



83.1040, 5.6390, 2.4310



82.6480, 6.9230, 1.1870



82.4090, 6.0980, -0.3820

Triad

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



82.6480, 6.9230, 1.1870



80.8530, -4.0800, -3.1520



82.2000, -3.4390, 1.7530

Complementary

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



82.6480, 6.9230, 1.1870



84.3520, -6.9230, -1.1870

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.



81.5910, -6.0980, 0.3820



82.6480, 6.9230, 1.1870



80.7110, -6.5560, -2.3320

Square

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



82.6480, 6.9230, 1.1870



81.0060, -0.1370, -3.0250



81.0530, -7.5190, -1.3990



82.9940, 0.1370, 3.0250

Rectangle

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



82.6480, 6.9230, 1.1870



81.9850, 4.3560, -1.8520



81.0530, -7.5190, -1.3990



82.0150, -4.3560, 1.8520

Sweetspot

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



82.6480, 6.9230, 1.1870



114.7830, 2.1090, 0.3250



82.0270, 4.5380, 5.8660



56.8970, 1.7880, 0.6360



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



82.6480, 6.9230, 1.1870



105.9150, 10.5450, 1.6250



86.1700, 5.2730, -1.9510



43.0820, 2.7050, 0.5370



47.5650, 58.6850, 10.2450



103.1480, 126.1270, 21.4790

Inverse Universe

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



84.3520, -6.9230, -1.1870



108.6720, -10.8200, -2.1480



80.8300, -5.2730, 1.9510



43.9180, -2.7050, -0.5370



61.8480, -58.4100, -9.7220



134.4390, -126.4020, -22.0020

Previews

White Background



This preview shows how the YIQ color 82.6480, 6.9230, 1.1870 looks on a white background.

Color Contrast Check

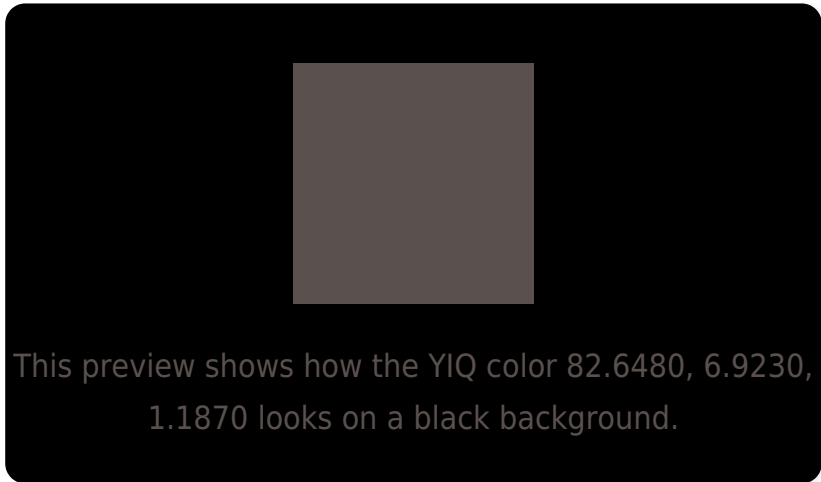
Large Text (above 18pt) WCAG AA ✓ Pass

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

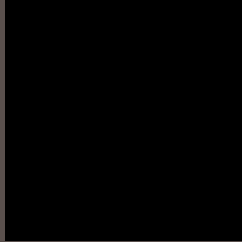
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.6480, 6.9230, 1.1870

Background



This preview shows how black text looks on a background with the YIQ color 82.6480, 6.9230, 1.1870.

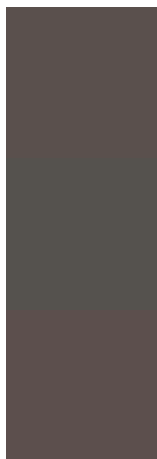


This preview shows how white text looks on a background with the YIQ color 82.6480, 6.9230, 1.1870.

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

82.6480, 6.9230, 1.1870

Protanopia

82.4410, 3.0720, -0.6080

Deuteranopia

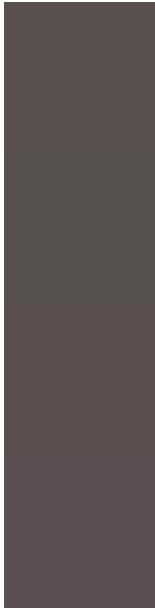
82.6590, 8.3900, 2.1340



Tritanopia

83.2720, 5.2260, 4.4100

Trichromacy



Original Color

82.6480, 6.9230, 1.1870

Protanomaly

82.4520, 4.5390, 0.3390

Deuteranomaly

82.3600, 7.7940, 1.9220

Tritanomaly

82.9300, 6.1890, 3.4770

Monochromacy



Original Color

82.6480, 6.9230, 1.1870

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

83.0820, 2.7050, 0.5370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.6480, 6.9230, 1.1870 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(90, 80, 77)` looks like.

```
.text, #text, p{  
    color:rgb(90, 80, 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(90, 80, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 80, 77) }
```

Border

The CSS property to change the border of an element to YIQ 82.6480, 6.9230, 1.1870 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(90, 80, 77) }
```

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

```
.border{ border-color:rgb(90, 80, 77) }
```

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

Here you see how a box with a 4 pixel rgb(90, 80, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 80, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 80, 77);  
box-shadow:4px 4px 4px 4px rgb(90, 80, 77)  
}
```


Background

The CSS property to change the background color of an element to YIQ 82.6480, 6.9230, 1.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 80, 77) }
```

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

```
.background{ background-color: rgb(90, 80,  
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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