

Converting Colors

YIQ(82.8760, 24.6170, 21.9370)

Have a look what the booklet for
YIQ(82.8760, 24.6170, 21.9370)
contains.

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Color

**YIQ(82.8760, 24.6170,
21.9370)**

Conversions

Conversions Part 1

Format	Color
Hex	783E5D
RGB	120, 62, 93
RGB Percent	47%, 24%, 36%
CMY	0.5293, 0.7569, 0.6352
CMYK	0.00, 0.48, 0.23, 0.53
HSL	328°, 32%, 36%
HSV	328°, 48%, 47%
XYZ	11.4492, 8.2292, 11.3452
YIQ	82.8760, 24.6170, 21.9370

Conversions

Conversions Part 2

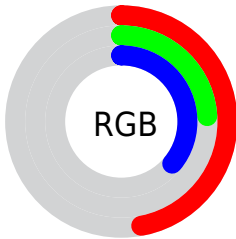
Format	Color
R_{YB}	120, 62, 93
Decimal	7880285
CIE Lab	34.46, 29.45, -7.12
CIE LCh	34, 30.302, 346.410
Yxy	8.2292, 0.3690, 0.2653
Android (android.graphics.Color)	4286070365 (0xFF783E5D)
YUV	82.8760, 4.9911, 32.5577
Hunter-Lab	28.6866, 21.0404, -3.3680

Details

The YIQ color **82.8760, 24.6170, 21.9370** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **99.1240, -24.6170, -21.9370**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **133.4850, 27.2760, 23.3080**, and **34.2070, 22.1870, 21.9230** is the 20% darker color. If you saturate the color by 10%, you get **75.1480, 29.8430, 26.3470**, and if you desaturate by 10%, it is **90.6040, 19.3910, 17.5270**.

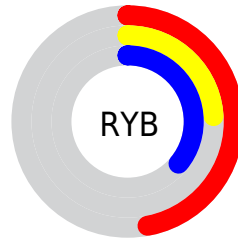
Distribution




 Red (47%)

 Green (24%)

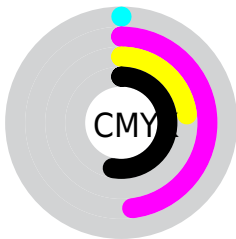
 Blue (36%)




 Red (47%)

 Yellow (24%)

 Blue (36%)

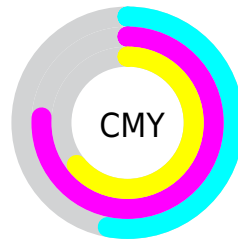


 Cyan (0%)

 Magenta (48%)

 Yellow (23%)

 Black (53%)



 Cyan (53%)

 Magenta (76%)

 Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.8760, 24.6170, 21.9370 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 82.8760, 24.6170, 21.9370 by changing the saturation by 10% instead.

82.8760, 24.6170,
21.9370

82.8760, 24.6170,
21.9370

255.0000, -0.0000,
-0.0000

58.2780, 23.4250,
21.5130

133.4850, 27.2760,
23.3080

34.2070, 22.1870,
21.9230

160.1970, 28.1470,
24.0430

16.7180, 19.0700,
17.8380

187.4960, 28.7430,
24.2550

4.1860, 8.3440,
2.9680

214.0120, 27.2300,
24.1420

0.0000, 0.0000,
0.0000

233.7540, 10.2210,
18.5170

250.8910, 1.9250,

3.6610

■ 82.8760, 24.6170,
21.9370

■ 82.8760, 24.6170,
21.9370

■ 75.1480, 29.8430,
26.3470

■ 90.6040, 19.3910,
17.5270

■ 67.5340, 34.7480,
31.0680

■ 98.2180, 14.4860,
12.8060

■ 59.8060, 39.9740,
35.4780

■ 105.9460, 9.2600,
8.3960

■ 52.1920, 44.8790,
40.1990

■ 113.5600, 4.3550,
3.6750

■ 44.4640, 50.1050,
44.6090

■ 121.2880, -0.8710,
-0.7350

■ 43.1760, 50.9760,
45.3440

■ 129.0160, -6.0970,
-5.1450

■ 136.6300,
-11.0020, -9.8660

■ 144.3580,
-16.2280, -14.2760

■ 151.9720,
-21.1330, -18.9970

Harmonies

Analogous

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



83.3990, 4.0310, 20.5670



82.8760, 24.6170, 21.9370



81.3470, 36.1720, 16.2680

Triad

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



82.8760, 24.6170, 21.9370



77.5880, 15.1790, -16.2850



66.5270, -61.9400, -11.8280

Complementary

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



82.8760, 24.6170, 21.9370



99.1240, -24.6170, -21.9370

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.



65.3070, -55.7490, -19.4050



82.8760, 24.6170, 21.9370



74.0460, -6.7820, -20.2700

Square

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



82.8760, 24.6170, 21.9370



79.4700, 30.4910, -7.4370



65.1480, -42.3600, -25.2720



65.6610, -65.0130, -5.6930

Rectangle

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



82.8760, 24.6170, 21.9370



80.8000, 38.9700, 9.6100



65.1480, -42.3600, -25.2720



66.4300, -60.2890, -14.2170

Sweetspot

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



82.8760, 24.6170, 21.9370



140.6580, 10.1310, 9.1310



76.3860, -3.1220, 23.5500



69.9840, 6.0970, 5.1450



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



82.8760, 24.6170, 21.9370



97.7950, 38.5070, 34.5310



79.6840, 33.6050, 13.2290



57.1360, 2.6130, 2.2050



45.0130, 52.9930, 47.3370



90.7380, 106.8570, 95.4090

Inverse Universe

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



82.8760, 24.6170, 21.9370



97.7950, 38.5070, 34.5310



102.3160, -33.6050, -13.2290



57.1360, 2.6130, 2.2050



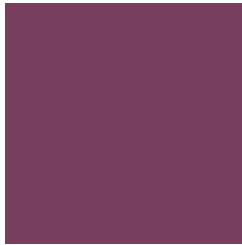
45.0130, 52.9930, 47.3370



90.7380, 106.8570, 95.4090

Previews

White Background



This preview shows how the YIQ color 82.8760, 24.6170, 21.9370 looks on a white background.

Color Contrast Check

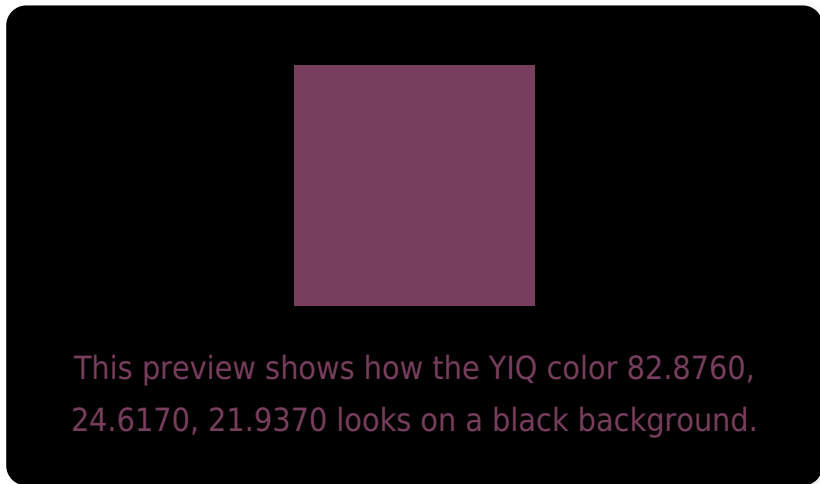
Large Text (above 18pt) WCAG AA ✓ Pass

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

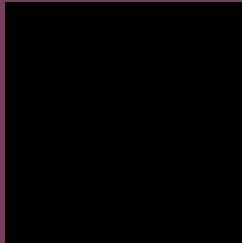
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.8760, 24.6170, 21.9370

Background



This preview shows how black text looks on a background with the YIQ color 82.8760, 24.6170, 21.9370.



This preview shows how white text looks on a background with the YIQ color 82.8760, 24.6170,

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

82.8760, 24.6170, 21.9370

Protanopia

82.0560, -11.6010, 6.5030

Deuteranopia

82.3470, 0.6410, 4.9050



Tritanopia

82.1180, 29.3870, 12.5790

Trichromacy



Original Color

82.8760, 24.6170, 21.9370

Protanomaly

82.1610, 1.4650, 12.0010

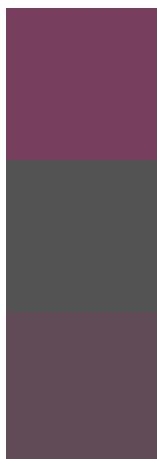
Deuteranomaly

82.5270, 9.1220, 10.8980

Tritanomaly

82.7420, 27.6900, 15.8020

Monochromacy



Original Color

82.8760, 24.6170, 21.9370

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.6470, 8.6640, 8.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.8760, 24.6170, 21.9370 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(120, 62, 93)` looks like.

```
.text, #text, p{  
    color:rgb(120, 62, 93)  
}
```

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(120, 62, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 62, 93) }
```

Border

The CSS property to change the border of an element to YIQ 82.8760, 24.6170, 21.9370 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(120, 62, 93) }
```


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

```
.border{ border-color:rgb(120, 62, 93) }
```

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

Here you see how a box with a 4 pixel rgb(120, 62, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 62, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 62, 93);  
box-shadow:4px 4px 4px 4px rgb(120, 62,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 82.8760, 24.6170, 21.9370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 62, 93) }
```

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

```
.background{ background-color: rgb(120, 62,  
93) }
```

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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