

Converting Colors

YIQ(86.9530, 25.7180, 18.5020)

Have a look what the booklet for
YIQ(86.9530, 25.7180, 18.5020)
contains.

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Color

**YIQ(86.9530, 25.7180,
18.5020)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7B445A |
| RGB | 123, 68, 90 |
| RGB Percent | 48%, 27%, 35% |
| CMY | 0.5175, 0.7334, 0.6470 |
| CMYK | 0.00, 0.45, 0.27, 0.52 |
| HSL | 336°, 29%, 37% |
| HSV | 336°, 45%, 48% |
| XYZ | 12.0858, 9.0837, 10.7940 |
| YIQ | 86.9530, 25.7180, 18.5020 |

Conversions

Conversions Part 2

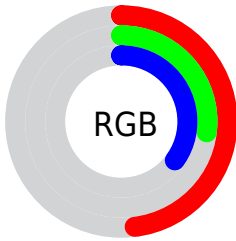
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 123, 68, 90 |
| Decimal | 8078426 |
| CIE _{Lab} | 36.14, 26.67, -2.66 |
| CIE _{LCh} | 36, 26.799, 354.308 |
| Yxy | 9.0837, 0.3781, 0.2842 |
| Android (android.graphics.Color) | 4286268506 (0xFF7B445A) |
| YUV | 86.9530, 1.5022, 31.6132 |
| Hunter-Lab | 30.1391, 18.8348, -0.1367 |

Details

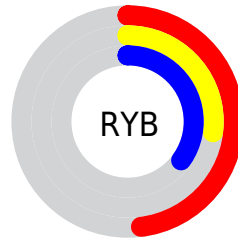
The YIQ color **86.9530, 25.7180, 18.5020** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **104.0470, -25.7180, -18.5020**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **137.5620, 28.3770, 19.8730**, and **39.5720, 22.4170, 17.7530** is the 20% darker color. If you saturate the color by 10%, you get **79.1110, 31.2650, 22.6010**, and if you desaturate by 10%, it is **94.7950, 20.1710, 14.4030**.

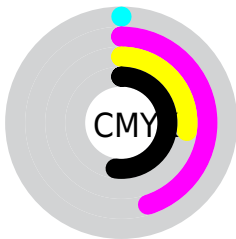
Distribution



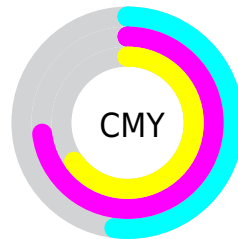
- Red (48%)
- Green (27%)
- Blue (35%)



- Red (48%)
- Yellow (27%)
- Blue (35%)



- Cyan (0%)
- Magenta (45%)
- Yellow (27%)
- Black (52%)



- Cyan (52%)
- Magenta (73%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 86.9530, 25.7180, 18.5020 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 86.9530, 25.7180, 18.5020 by changing the saturation by 10% instead.

86.9530, 25.7180,
18.5020

86.9530, 25.7180,
18.5020

255.0000, -0.0000,
-0.0000

63.0560, 23.9300,
17.8660

137.5620, 28.3770,
19.8730

39.5720, 22.4170,
17.7530

164.1600, 29.5690,
20.2970

17.0880, 20.9040,
17.6400

191.7580, 30.7610,
20.7210

6.5780, 13.1120,
4.6640

217.6650, 26.5890,
19.2370

0.0000, 0.0000,
0.0000

237.4070, 9.5800,
13.6120

86.9530, 25.7180,
18.5020

86.9530, 25.7180,
18.5020

79.1110, 31.2650,
22.6010

94.7950, 20.1710,
14.4030

70.5680, 37.4080,
26.9120

103.3380, 14.0280,
10.0920

62.7260, 42.9550,
31.0110

111.1800, 8.4810,
5.9930

54.8840, 48.5020,
35.1100

119.1360, 2.6130,
2.2050

46.3410, 54.6450,
39.4210

126.9780, -2.9340,
-1.8940

42.3630, 57.5790,
41.3150

135.4070, -8.7560,
-6.5160

143.3630,
-14.6240, -10.3040

151.2050,

-20.1710, -14.4030

■ 159.6340,
-25.9930, -19.0250

Harmonies

Analogous

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



87.6830, 8.9830, 18.9270



86.9530, 25.7180, 18.5020



85.9290, 34.2930, 11.7730

Triad

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



86.9530, 25.7180, 18.5020



81.5920, 9.3560, -15.3800



68.7440, -64.0490, -12.1530

Complementary

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



86.9530, 25.7180, 18.5020



104.0470, -25.7180, -18.5020

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.



67.9800, -59.1420, -18.4860



86.9530, 25.7180, 18.5020



78.3490, -12.0090, -19.1530

Square

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



86.9530, 25.7180, 18.5020



83.4200, 24.7600, -8.2000



71.4520, -40.1600, -21.0880



78.6920, -39.9350, 2.3770

Rectangle

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



86.9530, 25.7180, 18.5020



85.1260, 34.9360, 5.6240



71.4520, -40.1600, -21.0880



68.7610, -62.7190, -14.2310

Sweetspot

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



86.9530, 25.7180, 18.5020



147.1910, 9.9480, 6.9400



83.8380, 1.4170, 23.8890



73.4570, 6.1430, 4.3110



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



86.9530, 25.7180, 18.5020



104.0030, 40.6170, 29.3290



87.3800, 31.4050, 9.0450



57.1360, 2.6130, 2.2050



43.0750, 58.4500, 42.0500



86.8620, 117.7710, 84.8350

Inverse Universe

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



86.9530, 25.7180, 18.5020



104.0030, 40.6170, 29.3290



103.6200, -31.4050, -9.0450



57.1360, 2.6130, 2.2050



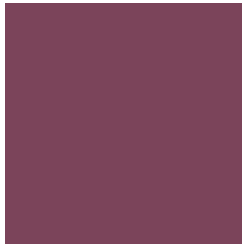
43.0750, 58.4500, 42.0500



86.8620, 117.7710, 84.8350

Previews

White Background



This preview shows how the YIQ color 86.9530, 25.7180, 18.5020 looks on a white background.

Color Contrast Check

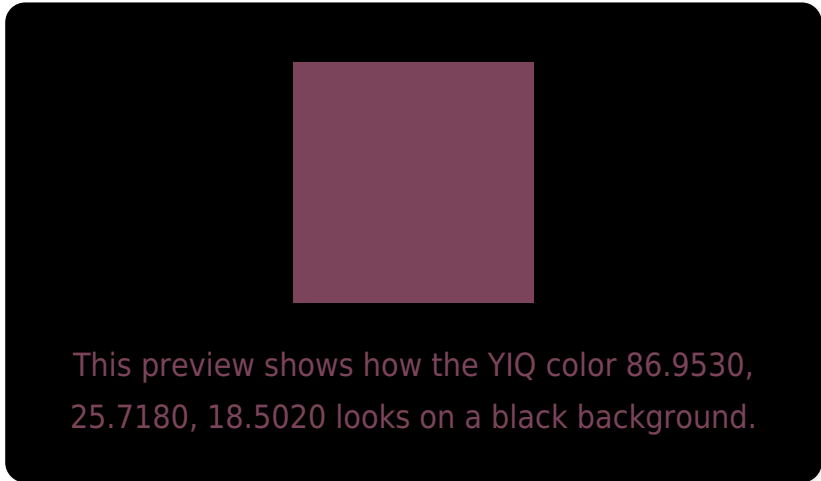
Large Text (above 18pt) WCAG AA ✓ Pass

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

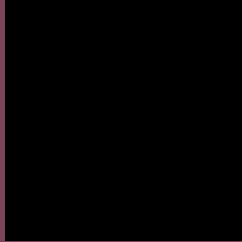
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 86.9530, 25.7180, 18.5020

Background



This preview shows how black text looks on a background with the YIQ color 86.9530, 25.7180, 18.5020.



This preview shows how white text looks on a background with the YIQ color 86.9530, 25.7180,

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

86.9530, 25.7180, 18.5020

Protanopia

85.9270, -6.9240, 4.3400

Deuteranopia

86.4460, 4.6760, 3.3640



Tritanopia

86.8190, 28.7910, 12.3670

Trichromacy



Original Color

86.9530, 25.7180, 18.5020

Protanomaly

86.4340, 4.9500, 9.4140

Deuteranomaly

86.9140, 12.2860, 8.6220

Tritanomaly

86.8020, 27.4610, 14.4450

Monochromacy



Original Color

86.9530, 25.7180, 18.5020

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

86.8920, 9.3520, 6.7280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.9530, 25.7180, 18.5020 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(123, 68, 90)` looks like.

```
.text, #text, p{  
    color:rgb(123, 68, 90)  
}
```

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(123, 68, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 68, 90) }
```

Border

The CSS property to change the border of an element to YIQ 86.9530, 25.7180, 18.5020 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(123, 68, 90) }
```


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

```
.border{ border-color:rgb(123, 68, 90) }
```

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

Here you see how a box with a 4 pixel rgb(123, 68, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 68, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 68, 90);  
box-shadow:4px 4px 4px 4px rgb(123, 68,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 86.9530, 25.7180, 18.5020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 68, 90) }
```

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

```
.background{ background-color: rgb(123, 68,  
90) }
```

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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