

Converting Colors

YIQ(68.5870, 26.0880, 0.7760)

Have a look what the booklet for
YIQ(68.5870, 26.0880, 0.7760)
contains.

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Color

**YIQ(68.5870, 26.0880,
0.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	5E3D29
RGB	94, 61, 41
RGB Percent	37%, 24%, 16%
CMY	0.6313, 0.7608, 0.8391
CMYK	0.00, 0.35, 0.56, 0.63
HSL	23°, 39%, 26%
HSV	23°, 56%, 37%
XYZ	6.6866, 5.8769, 2.8825
YIQ	68.5870, 26.0880, 0.7760

Conversions

Conversions Part 2

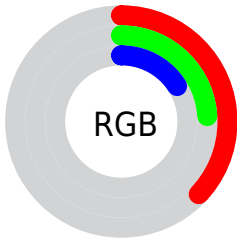
Format	Color
RYB	94, 73, 41
Decimal	6176041
CIELab	29.10, 12.01, 18.15
CIELCh	29, 21.765, 56.503
Yxy	5.8769, 0.4329, 0.3805
Android (android.graphics.Color)	4284366121 (0xFF5E3D29)
YUV	68.5870, -13.6004, 22.2872
Hunter-Lab	24.2423, 6.8105, 9.9197

Details

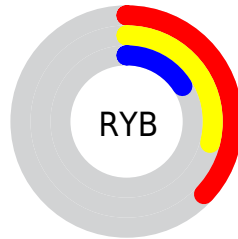
The YIQ color **68.5870, 26.0880, 0.7760** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **66.4130, -26.0880, -0.7760**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **117.5550, 29.1140, 1.0020**, and **24.3200, 22.4660, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **64.0390, 30.6270, 1.1150**, and if you desaturate by 10%, it is **73.1350, 21.5490, 0.4370**.

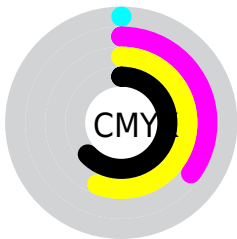
Distribution



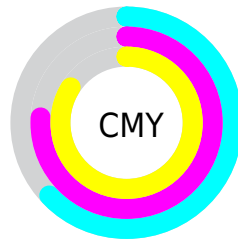
- Red (37%)
- Green (24%)
- Blue (16%)



- Red (37%)
- Yellow (29%)
- Blue (16%)



- Cyan (0%)
- Magenta (35%)
- Yellow (56%)
- Black (63%)



- Cyan (63%)
- Magenta (76%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 68.5870, 26.0880, 0.7760 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 68.5870, 26.0880, 0.7760 by changing the saturation by 10% instead.

■ 68.5870, 26.0880,
0.7760

■ 68.5870, 26.0880,
0.7760

■ 255.0000, -0.0000,
-0.0000

■ 45.8040, 23.9790,
0.4510

■ 117.5550, 29.1140,
1.0020

■ 24.3200, 22.4660,
0.3380

■ 143.3380, 31.2230,
1.3270

■ 5.6810, 11.3240,
4.0280

■ 169.9360, 32.4150,
1.7510

■ 0.0000, 0.0000,
0.0000

■ 197.1210, 33.3320,
1.6520

■ 224.1100, 31.8650,
0.7050

■ 243.7380, 15.1770,

-5.2310

253.9740, 2.8890,
-2.7990

68.5870, 26.0880,
0.7760

68.5870, 26.0880,
0.7760

64.0390, 30.6270,
1.1150

73.1350, 21.5490,
0.4370

59.3770, 35.4870,
1.1430

77.7970, 16.6890,
0.4090

54.8290, 40.0260,
1.4820

82.3450, 12.1500,
0.0700

50.7540, 44.6110,
0.9870

86.4200, 7.5650,
0.5650

48.6510, 46.3990,
1.6230

90.9680, 3.0260,
0.2260

■ 95.5160, -1.5130,
-0.1130

■ 100.1780, -6.3730,
-0.1410

■ 104.7260,
-10.9120, -0.4800

■ 109.3880,
-15.7720, -0.5080

Harmonies

Analogous

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



69.2270, 27.4620, 8.9180



68.5870, 26.0880, 0.7760



67.5380, 18.6160, -6.9840

Triad

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



68.5870, 26.0880, 0.7760



58.1050, -31.6330, -15.9290



69.4740, -9.7220, 10.9980

Complementary

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



68.5870, 26.0880, 0.7760



66.4130, -26.0880, -0.7760

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.



64.9660, -29.0230, 2.8570



68.5870, 26.0880, 0.7760



54.6610, -47.8180, -14.4580

Square

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



68.5870, 26.0880, 0.7760



63.3540, -10.4050, -15.1810



54.9690, -51.4410, -9.3690



70.8630, 8.2960, 14.8560

Rectangle

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



68.5870, 26.0880, 0.7760



66.7110, 10.6390, -11.0970



54.9690, -51.4410, -9.3690



68.4840, -15.6820, 8.8780

Sweetspot

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



68.5870, 26.0880, 0.7760



112.0890, 9.9950, 0.5790



60.7230, 20.6740, 21.8100



55.5230, 5.7770, -0.0710



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



68.5870, 26.0880, 0.7760



82.6010, 40.6680, 0.8600



83.8490, 18.9380, -12.8220



43.6690, 2.4300, 0.0140



56.9570, 54.2850, 1.8770



123.1060, 116.7770, 3.6970

Inverse Universe

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



66.4130, -26.0880, -0.7760



78.9860, -40.9430, -1.3830



51.1510, -18.9380, 12.8220



43.3310, -2.4300, -0.0140



52.4560, -54.0100, -1.3540



113.8940, -116.7770, -3.6970

Previews

White Background



This preview shows how the YIQ color 68.5870, 26.0880, 0.7760 looks on a white background.

Color Contrast Check

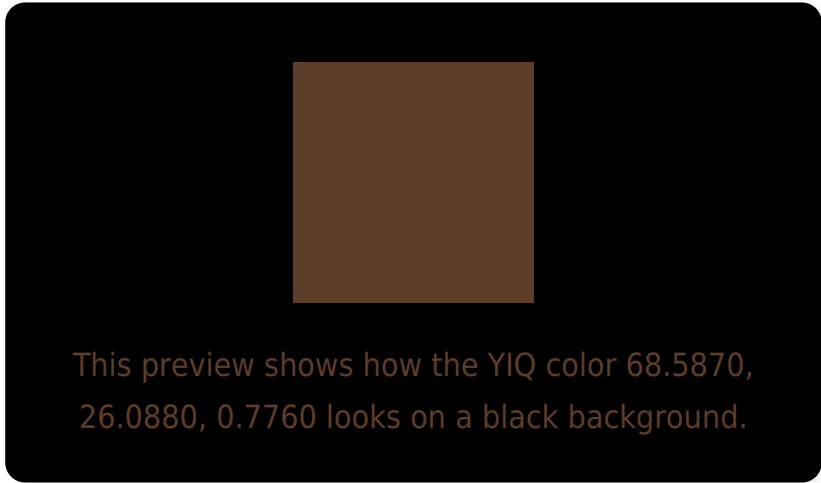
Large Text (above 18pt) WCAG AA ✓ Pass

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

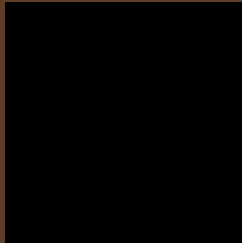
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 68.5870, 26.0880, 0.7760

Background



This preview shows how black text looks on a background with the YIQ color 68.5870, 26.0880, 0.7760.



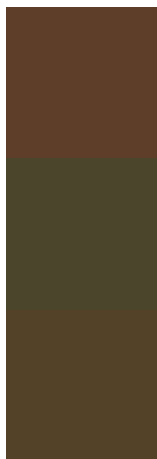
This preview shows how white text looks on a background with the YIQ color 68.5870, 26.0880,

0.7760.

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

68.5870, 26.0880, 0.7760

Protanopia

67.9440, 11.6010, -6.5030

Deuteranopia

68.4180, 19.0740, -4.2700



Tritanopia

69.9320, 21.0430, 9.6110

Trichromacy



Original Color

68.5870, 26.0880, 0.7760

Protanomaly

68.1620, 16.9190, -3.7610

Deuteranomaly

68.4400, 22.0080, -2.3760

Tritanomaly

69.3080, 22.7400, 6.3880

Monochromacy



Original Color

68.5870, 26.0880, 0.7760

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

68.7900, 9.3990, 0.3670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 68.5870, 26.0880, 0.7760 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(94, 61, 41)` looks like.

```
.text, #text, p{  
    color:rgb(94, 61, 41)  
}
```

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(94, 61, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 61, 41) }
```

Border

The CSS property to change the border of an element to YIQ 68.5870, 26.0880, 0.7760 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(94, 61, 41) }
```


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

```
.border{ border-color:rgb(94, 61, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 61, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 61, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 61, 41);  
box-shadow:4px 4px 4px 4px rgb(94, 61, 41)  
}
```

Background

The CSS property to change the background color of an element to YIQ 68.5870, 26.0880, 0.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 61, 41) }
```

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

```
.background{ background-color: rgb(94, 61,  
41) }
```

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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