

Converting Colors

YIQ(46.9760, 26.9110, 13.3990)

Have a look what the booklet for
YIQ(46.9760, 26.9110, 13.3990)
contains.

YIQ(46.9760, 26.9110, 13.3990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(46.9760, 26.9110,
13.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	511F28
RGB	81, 31, 40
RGB Percent	32%, 12%, 16%
CMY	0.6822, 0.8785, 0.8430
CMYK	0.00, 0.62, 0.51, 0.68
HSL	349°, 45%, 22%
HSV	349°, 62%, 32%
XYZ	4.2689, 2.8830, 2.3412
YIQ	46.9760, 26.9110, 13.3990

Conversions

Conversions Part 2

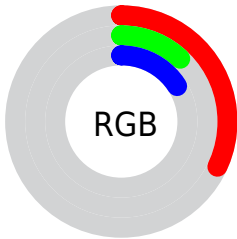
Format	Color
R_{YB}	81, 31, 40
Decimal	5316392
CIE _{Lab}	19.57, 24.42, 5.71
CIE _{LCh}	20, 25.075, 13.165
Yxy	2.8830, 0.4497, 0.3037
Android (android.graphics.Color)	4283506472 (0xFF511F28)
YUV	46.9760, -3.4392, 29.8390
Hunter-Lab	16.9794, 15.1645, 3.7102

Details

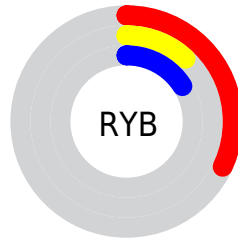
The YIQ color **46.9760, 26.9110, 13.3990** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **65.0240, -26.9110, -13.3990**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.6560, 30.8080, 14.3600**, and **10.8780, 21.1350, 7.9430** is the 20% darker color. If you saturate the color by 10%, you get **41.4820, 31.3580, 15.4060**, and if you desaturate by 10%, it is **52.4700, 22.4640, 11.3920**.

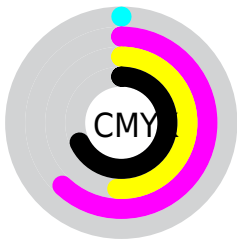
Distribution



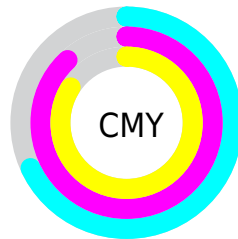
- Red (32%)
- Green (12%)
- Blue (16%)



- Red (32%)
- Yellow (12%)
- Blue (16%)



- Cyan (0%)
- Magenta (62%)
- Yellow (51%)
- Black (68%)



- Cyan (68%)
- Magenta (88%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 46.9760, 26.9110, 13.3990 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 46.9760, 26.9110, 13.3990 by changing the saturation by 10% instead.

■ 46.9760, 26.9110,
13.3990

■ 46.9760, 26.9110,
13.3990

■ 255.0000, -0.0000,
-0.0000

■ 23.7200, 24.7560,
13.9080

■ 94.6560, 30.8080,
14.3600

■ 10.8780, 21.1350,
7.9430

■ 120.1400, 32.3210,
14.4730

■ 0.0000, 0.0000,
0.0000

■ 146.0370, 34.1090,
15.1090

■ 173.3360, 34.7050,
15.3210

■ 200.9340, 35.8970,
15.7450

■ 222.8510, 25.7650,

12.1410

243.1800, 8.4810,
5.9930

46.9760, 26.9110,
13.3990

46.9760, 26.9110,
13.3990

41.4820, 31.3580,
15.4060

52.4700, 22.4640,
11.3920

36.1020, 35.4840,
17.7240

57.8500, 18.3380,
9.0740

30.6080, 39.9310,
19.7310

63.3440, 13.8910,
7.0670

25.9290, 43.4610,
21.8370

68.8380, 9.4440,
5.0600

74.2180, 5.3180,
2.7420

■ 80.2990, 0.5960,
0.2120

■ 85.6790, -3.5300,
-2.1060

■ 91.1730, -7.9770,
-4.1130

■ 96.6670, -12.4240,
-6.1200

Harmonies

Analogous

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



48.4080, 17.0070, 16.6790



46.9760, 26.9110, 13.3990



46.7770, 28.6090, 4.6490

Triad

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



46.9760, 26.9110, 13.3990



41.9480, -3.3900, -15.6620



39.8720, -40.6220, -1.6940

Complementary

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



46.9760, 26.9110, 13.3990



65.0240, -26.9110, -13.3990

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.



40.4930, -38.2370, -6.3730



46.9760, 26.9110, 13.3990



36.9760, -26.9560, -18.0920

Square

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



46.9760, 26.9110, 13.3990



44.6250, 13.7570, -12.5390



39.1420, -33.0550, -12.1830



45.7220, -22.2840, 7.3800

Rectangle

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



46.9760, 26.9110, 13.3990



46.0060, 26.2260, -1.7260



39.1420, -33.0550, -12.1830



40.8180, -40.5300, -3.3620

Sweetspot

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



46.9760, 26.9110, 13.3990



91.3220, 10.9570, 5.1730



48.9590, 8.3860, 24.2420



45.1150, 7.1060, 3.3780



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



46.9760, 26.9110, 13.3990



51.9180, 41.9940, 20.8900



55.3420, 25.4000, 2.2320



38.1960, 2.3840, 0.8480



33.5610, 56.4810, 28.1690



74.1560, 124.7900, 62.2460

Inverse Universe

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



46.9760, 26.9110, 13.3990



51.9180, 41.9940, 20.8900



56.6580, -25.4000, -2.2320



38.1960, 2.3840, 0.8480



33.5610, 56.4810, 28.1690



74.1560, 124.7900, 62.2460

Previews

White Background



This preview shows how the YIQ color 46.9760, 26.9110, 13.3990 looks on a white background.

Color Contrast Check

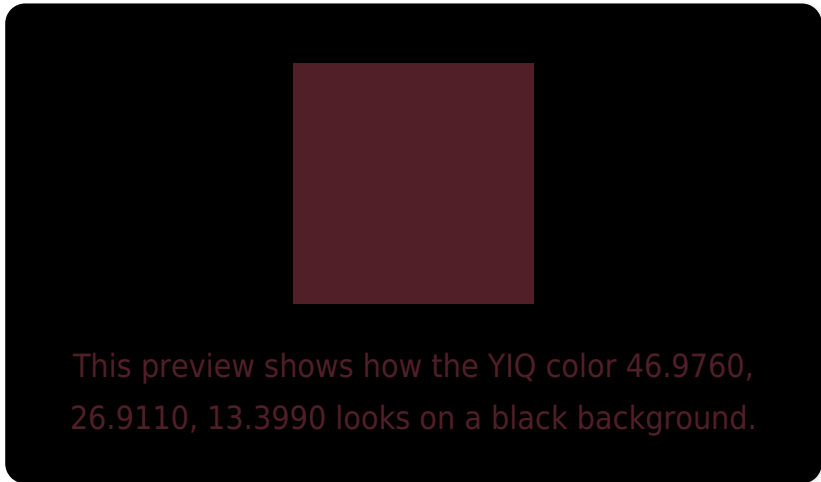
Large Text (above 18pt) WCAG AA ✓ Pass

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

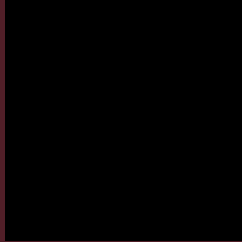
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 46.9760, 26.9110, 13.3990

Background



This preview shows how black text looks on a background with the YIQ color 46.9760, 26.9110, 13.3990.



This preview shows how white text looks on a background with the YIQ color 46.9760, 26.9110,

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

46.9760, 26.9110, 13.3990

Protanopia

48.4130, 0.2750, 0.5230

Deuteranopia

48.3770, 9.1240, -0.1560



Tritanopia

46.8790, 28.5620, 11.0100

Trichromacy



Original Color

46.9760, 26.9110, 13.3990

Protanomaly

48.1370, 10.0400, 5.2720

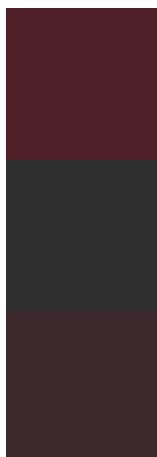
Deuteranomaly

48.2470, 15.5420, 4.6780

Tritanomaly

47.1070, 27.9200, 11.6320

Monochromacy



Original Color

46.9760, 26.9110, 13.3990

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.7240, 9.7650, 4.7490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 46.9760, 26.9110, 13.3990 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(81, 31, 40)` looks like.

```
.text, #text, p{  
    color:rgb(81, 31, 40)  
}
```

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(81, 31, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 31, 40) }
```

Border

The CSS property to change the border of an element to YIQ 46.9760, 26.9110, 13.3990 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(81, 31, 40) }
```


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

```
.border{ border-color:rgb(81, 31, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 31, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 31, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 31, 40);  
box-shadow:4px 4px 4px 4px rgb(81, 31, 40)  
}
```

Background

The CSS property to change the background color of an element to YIQ 46.9760, 26.9110, 13.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 31, 40) }
```

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

```
.background{ background-color: rgb(81, 31,  
40) }
```

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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