

Converting Colors

YIQ(48.7760, 65.8810, 23.0090)

Have a look what the booklet for
YIQ(48.7760, 65.8810, 23.0090)
contains.

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Color

**YIQ(48.7760, 65.8810,
23.0090)**

Conversions

Conversions Part 1

Format	Color
Hex	7E100F
RGB	126, 16, 15
RGB Percent	49%, 6%, 6%
CMY	0.5056, 0.9374, 0.9409
CMYK	0.00, 0.87, 0.88, 0.51
HSL	0°, 79%, 28%
HSV	0°, 88%, 49%
XYZ	8.8853, 4.8446, 0.9212
YIQ	48.7760, 65.8810, 23.0090

Conversions

Conversions Part 2

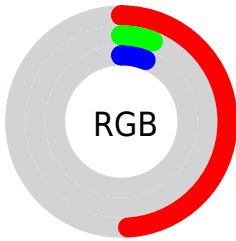
Format	Color
R_{YB}	126, 16, 15
Decimal	8261647
CIE _{Lab}	26.29, 44.65, 32.15
CIE _{LCh}	26, 55.020, 35.751
Yxy	4.8446, 0.6065, 0.3307
Android (android.graphics.Color)	4286451727 (0xFF7E100F)
YUV	48.7760, -16.6516, 67.7254
Hunter-Lab	22.0104, 33.5399, 12.9257

Details

The YIQ color **48.7760, 65.8810, 23.0090** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **92.2240, -65.8810, -23.0090**, and the grayscale version is **49.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **105.0770, 72.1630, 19.2910**, and **20.3320, 40.5280, 14.4160** is the 20% darker color. If you saturate the color by 10%, you get **39.6630, 73.6290, 25.7650**, and if you desaturate by 10%, it is **57.3020, 58.4080, 20.7760**.

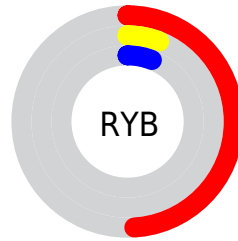
Distribution



Red (49%)

Green (6%)

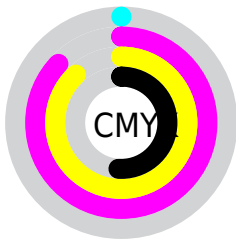
Blue (6%)



Red (49%)

Yellow (6%)

Blue (6%)

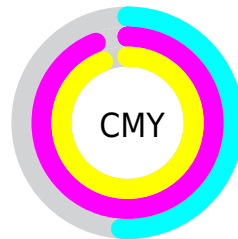


Cyan (0%)

Magenta (87%)

Yellow (88%)

Black (51%)



Cyan (51%)


Magenta (94%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 48.7760, 65.8810, 23.0090 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 48.7760, 65.8810, 23.0090 by changing the saturation by 10% instead.


 48.7760, 65.8810,
23.0090


 48.7760, 65.8810,
23.0090


 253.4040, 4.4940,
-4.3540


 29.0030, 57.8120,
20.5640

 105.0770, 72.1630,
19.2910


 20.3320, 40.5280,
14.4160


 132.0450, 75.1890,
19.5170

 12.6720, 24.7110,
9.2150

 159.8990, 78.5360,
19.4320

 0.0000, 0.0000,
0.0000

 180.9900, 67.8540,
14.7820

 200.5040, 51.4870,
8.5350

 220.0180, 35.1200,

2.2880

■ 240.1190, 18.4780,
-4.4820

■ 48.7760, 65.8810,
23.0090

■ 48.7760, 65.8810,
23.0090

■ 39.6630, 73.6290,
25.7650

■ 57.3020, 58.4080,
20.7760

■ 38.2610, 74.8210,
26.1890

■ 66.3010, 50.9810,
17.7090

■ 74.8270, 43.5080,
15.4760

■ 83.8260, 36.0810,
12.4090

■ 92.3520, 28.6080,
10.1760

■ 101.4650, 20.8600,
7.4200

■ 109.8770, 13.7080,
4.8760

■ 118.9900, 5.9600,
2.1200

■ 128.1030, -1.7880,
-0.6360

Harmonies

Analogous

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



46.1510, 61.2920, 45.6120



48.7760, 65.8810, 23.0090



58.0980, 49.3340, -2.0100

Triad

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



48.7760, 65.8810, 23.0090



47.9350, -28.8790, -32.8070



55.5000, -65.3370, 11.1990

Complementary

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



48.7760, 65.8810, 23.0090



92.2240, -65.8810, -23.0090

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.



60.4580, -65.5190, 3.4810



48.7760, 65.8810, 23.0090



54.3530, -44.1950, -19.5470

Square

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



48.7760, 65.8810, 23.0090



49.7280, -6.3670, -33.3030



59.0270, -57.3560, -6.7960



62.2680, -14.1730, 31.0990

Rectangle

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



48.7760, 65.8810, 23.0090



59.1510, 32.6470, -13.4730



59.0270, -57.3560, -6.7960



57.8480, -66.4370, 9.1070

Sweetspot

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



48.7760, 65.8810, 23.0090



133.5580, 25.0320, 8.9040



60.8430, 30.5250, 58.0530



64.3610, 15.2210, 4.9890



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.



48.7760, 65.8810, 23.0090



49.3240, 96.8730, 34.0330



81.0610, 50.7560, -5.7560



59.0930, 4.1720, 1.4840



38.8590, 76.0130, 26.6130



0.0000, 0.0000, 0.0000

Inverse Universe

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



92.2240, -65.8810, -23.0090



113.6760, -96.8730, -34.0330



60.5260, -51.0310, 5.2330



61.9070, -4.1720, -1.4840



88.5540, -75.7380, -26.0900



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 48.7760, 65.8810, 23.0090 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 48.7760, 65.8810, 23.0090

Background



This preview shows how black text looks on a background with the YIQ color 48.7760, 65.8810, 23.0090.



This preview shows how white text looks on a background with the YIQ color 48.7760, 65.8810,

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

48.7760, 65.8810, 23.0090

Protanopia

62.6470, 16.6910, -10.6450

Deuteranopia

60.3250, 32.0970, -14.5190



Tritanopia

48.6620, 66.2020, 22.6980

Trichromacy



Original Color

48.7760, 65.8810, 23.0090

Protanomaly

57.6050, 34.8450, 1.7650

Deuteranomaly

56.2870, 44.4280, -1.2040

Tritanomaly

48.6620, 66.2020, 22.6980

Monochromacy



Original Color

48.7760, 65.8810, 23.0090

Achromatopsia

49.0000, -0.0000, -0.0000

Achromatomaly

48.9600, 23.8400, 8.4800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 48.7760, 65.8810, 23.0090 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(126, 16, 15)` looks like.

```
.text, #text, p{  
    color:rgb(126, 16, 15)  
}
```

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(126, 16, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 16, 15) }
```

Border

The CSS property to change the border of an element to YIQ 48.7760, 65.8810, 23.0090 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(126, 16, 15) }
```


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

```
.border{ border-color:rgb(126, 16, 15) }
```

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

Here you see how a box with a 4 pixel rgb(126, 16, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 16, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 16, 15);  
box-shadow:4px 4px 4px 4px rgb(126, 16,  
15) }
```

Background

The CSS property to change the background color of an element to YIQ 48.7760, 65.8810, 23.0090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 16, 15) }
```

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

```
.background{ background-color: rgb(126, 16,  
15) }
```

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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