

Converting Colors

YIQ(76.0700, 91.2360, 20.5480)

Have a look what the booklet for
YIQ(76.0700, 91.2360, 20.5480)
contains.

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Color

**YIQ(76.0700, 91.2360,
20.5480)**

Conversions

Conversions Part 1

Format	Color
Hex	B0260A
RGB	176, 38, 10
RGB Percent	69%, 15%, 4%
CMY	0.3095, 0.8512, 0.9604
CMYK	0.00, 0.78, 0.94, 0.31
HSL	10°, 89%, 37%
HSV	10°, 94%, 69%
XYZ	18.6690, 10.6440, 1.3605
YIQ	76.0700, 91.2360, 20.5480

Conversions

Conversions Part 2

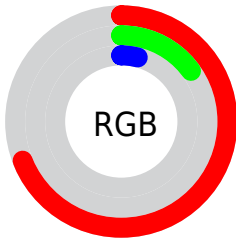
Format	Color
R_{YB}	176, 44, 10
Decimal	11544074
CIE _{Lab}	38.97, 53.69, 48.37
CIE _{LCh}	39, 72.266, 42.019
Yxy	10.6440, 0.6086, 0.3470
Android (android.graphics.Color)	4289734154 (0xFFB0260A)
YUV	76.0700, -32.5725, 87.6386
Hunter-Lab	32.6251, 45.0487, 20.3651

Details

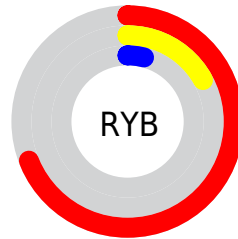
The YIQ color **76.0700, 91.2360, 20.5480** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **109.9300, -91.2360, -20.5480**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **133.9520, 97.3800, 19.3320**, and **34.0860, 67.9440, 24.1680** is the 20% darker color. If you saturate the color by 10%, you get **70.2340, 96.6460, 21.6220**, and if you desaturate by 10%, it is **86.9270, 81.3330, 18.3010**.

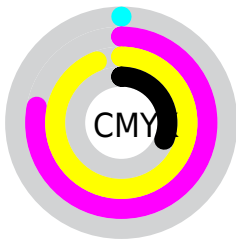
Distribution



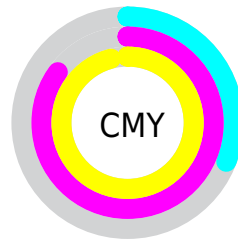
- Red (69%)
- Green (15%)
- Blue (4%)



- Red (69%)
- Yellow (17%)
- Blue (4%)



- Cyan (0%)
- Magenta (78%)
- Yellow (94%)
- Black (31%)





- Cyan (31%)
- Magenta (85%)
- Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 76.0700, 91.2360, 20.5480 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 76.0700, 91.2360, 20.5480 by changing the saturation by 10% instead.


 76.0700, 91.2360,
20.5480


 76.0700, 91.2360,
20.5480


 253.8600, 3.2100,
-3.1100


 43.3550, 86.4200,
30.7400


 134.2510, 97.9760,
19.5440


 34.0860, 67.9440,
24.1680


 157.9080, 91.5120,
15.5440


 25.1160, 50.0640,
17.8080


 176.6070, 76.0620,
9.1980

 17.2710, 33.3300,
12.7060

 196.0070, 60.0160,
2.6400

 4.4850, 8.9400,
3.1800

 216.1080, 43.3740,
-4.1300

 0.0000, 0.0000,
0.0000

 236.2090, 26.7320,

-10.9000

■ 250.5540, 12.5190,
-12.1290

■ 76.0700, 91.2360,
20.5480

■ 76.0700, 91.2360,
20.5480

■ 70.2340, 96.6460,
21.6220

■ 86.9270, 81.3330,
18.3010

■ 97.0830, 72.0260,
16.2660

■ 107.9400, 62.1230,
14.0190

■ 118.7970, 52.2200,
11.7720

■ 128.9530, 42.9130,
9.7370

■ 139.8100, 33.0100,
7.4900

■ 150.5530, 23.4280,
4.9320

■ 160.8230, 13.8000,
3.2080

■ 171.6800, 3.8970,
0.9610

Harmonies

Analogous

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



65.2030, 91.0450, 62.5730



76.0700, 91.2360, 20.5480



86.1840, 63.4110, -9.3330

Triad

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



76.0700, 91.2360, 20.5480



72.9600, -48.3630, -43.1390



77.8300, -92.3890, 16.8830

Complementary

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



76.0700, 91.2360, 20.5480



109.9300, -91.2360, -20.5480

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.



87.3530, -95.7800, 6.7480



76.0700, 91.2360, 20.5480



81.2020, -68.8150, -24.9030

Square

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



76.0700, 91.2360, 20.5480



63.3960, -29.7000, -56.4840



86.8850, -86.1950, -7.2750



92.2070, -3.0350, 49.5170

Rectangle

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



76.0700, 91.2360, 20.5480



86.0080, 39.9390, -24.4850



86.8850, -86.1950, -7.2750



82.1670, -94.9560, 13.8440

Sweetspot

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



76.0700, 91.2360, 20.5480



190.8920, 35.7150, 8.0270



75.3660, 54.6380, 78.1100



91.1830, 21.5940, 5.1300



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



76.0700, 91.2360, 20.5480



91.6630, 126.3550, 28.3630



124.7910, 68.4110, -22.8610



83.8650, 4.8140, 0.8620



61.0090, 84.0380, 18.8380



10.1220, 14.3960, 3.4200

Inverse Universe

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



109.9300, -91.2360, -20.5480



138.3370, -126.3550, -28.3630



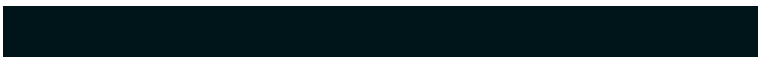
61.2090, -68.4110, 22.8610



85.7220, -5.0890, -1.3850



91.9910, -84.0380, -18.8380



15.2910, -14.1210, -2.8970

Previews

White Background



This preview shows how the YIQ color 76.0700, 91.2360, 20.5480 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

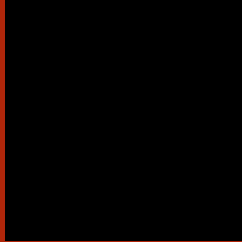
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.0700, 91.2360, 20.5480

Background



This preview shows how black text looks on a background with the YIQ color 76.0700, 91.2360, 20.5480.



This preview shows how white text looks on a background with the YIQ color 76.0700, 91.2360,

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

76.0700, 91.2360, 20.5480

Protanopia

88.7220, 29.3010, -18.9150

Deuteranopia

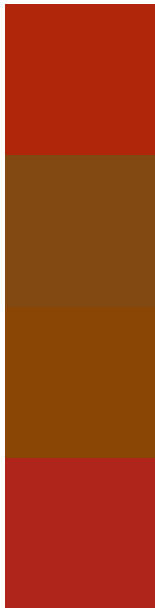
86.6390, 45.5320, -21.2200



Tritanopia

77.8600, 83.4400, 29.6800

Trichromacy



Original Color

76.0700, 91.2360, 20.5480

Protanomaly

84.1860, 51.9020, -4.4980

Deuteranomaly

82.8080, 61.7140, -6.1100

Tritanomaly

77.4210, 86.0540, 26.3580

Monochromacy



Original Color

76.0700, 91.2360, 20.5480

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.8100, 33.0100, 7.4900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.0700, 91.2360, 20.5480 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(176, 38, 10)` looks like.

```
.text, #text, p{  
    color:rgb(176, 38, 10)  
}
```

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(176, 38, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 38, 10) }
```

Border

The CSS property to change the border of an element to YIQ 76.0700, 91.2360, 20.5480 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(176, 38, 10) }
```


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

```
.border{ border-color:rgb(176, 38, 10) }
```

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

Here you see how a box with a 4 pixel rgb(176, 38, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 38, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 38, 10);  
box-shadow:4px 4px 4px 4px rgb(176, 38,  
10) }
```

Background

The CSS property to change the background color of an element to YIQ 76.0700, 91.2360, 20.5480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 38, 10) }
```

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

```
.background{ background-color: rgb(176, 38,  
10) }
```

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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