

Converting Colors

YIQ(73.7560, 94.9960, 18.4840)

Have a look what the booklet for
YIQ(73.7560, 94.9960, 18.4840)
contains.

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Color

**YIQ(73.7560, 94.9960,
18.4840)**

Conversions

Conversions Part 1

Format	Color
Hex	B02400
RGB	176, 36, 0
RGB Percent	69%, 14%, 0%
CMY	0.3095, 0.8590, 0.9996
CMYK	0.00, 0.80, 1.00, 0.31
HSL	12°, 100%, 35%
HSV	12°, 100%, 69%
XYZ	18.5521, 10.4978, 1.0514
YIQ	73.7560, 94.9960, 18.4840

Conversions

Conversions Part 2

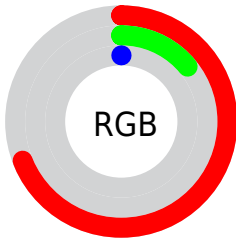
Format	Color
RYB	176, 45, 0
Decimal	11543552
CIELab	38.72, 54.17, 51.76
CIELCh	39, 74.921, 43.695
Yxy	10.4978, 0.6163, 0.3487
Android (android.graphics.Color)	4289733632 (0xFFB02400)
YUV	73.7560, -36.3617, 89.6680
Hunter-Lab	32.4002, 45.5070, 20.7561

Details

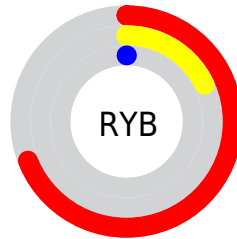
The YIQ color **73.7560, 94.9960, 18.4840** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **102.2440, -94.9960, -18.4840**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **132.8660, 100.4980, 17.8900**, and **34.0860, 67.9440, 24.1680** is the 20% darker color. If you saturate the color by 10%, you get **73.7560, 94.9960, 18.4840**, and if you desaturate by 10%, it is **84.0260, 85.3680, 16.7600**.

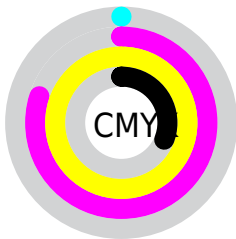
Distribution



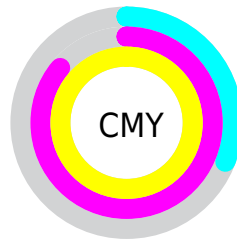
- Red (69%)
- Green (14%)
- Blue (0%)



- Red (69%)
- Yellow (18%)
- Blue (0%)



- Cyan (0%)
- Magenta (80%)
- Yellow (100%)
- Black (31%)





- Cyan (31%)
- Magenta (86%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 73.7560, 94.9960, 18.4840 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 73.7560, 94.9960, 18.4840 by changing the saturation by 10% instead.


 73.7560, 94.9960,
18.4840


 73.7560, 94.9960,
18.4840


 252.9480, 5.7780,
-5.5980


 43.3550, 86.4200,
30.7400


 132.8660,
100.4980, 17.8900


 34.0860, 67.9440,
24.1680


 155.9360, 94.3090,
14.4130


 24.8170, 49.4680,
17.5960

 175.2220, 78.5840,
7.5440

 16.9720, 32.7340,
12.4940

 194.6220, 62.5380,
0.9860

 4.1860, 8.3440,
2.9680

 214.6090, 46.2170,
-6.0950

 0.0000, 0.0000,
0.0000

 234.8240, 29.2540,

-12.5540

■ 249.7560, 14.7660,
-14.3060

■ 73.7560, 94.9960,
18.4840

■ 84.0260, 85.3680,
16.7600

■ 94.1820, 76.0610,
14.7250

■ 104.4520, 66.4330,
13.0010

■ 114.7220, 56.8050,
11.2770

■ 124.8780, 47.4980,
9.2420

■ 135.1480, 37.8700,
7.5180

■ 145.3040, 28.5630,
5.4830

■ 155.5740, 18.9350,
3.7590

■ 165.8440, 9.3070,
2.0350

Harmonies

Analogous

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



65.3450, 93.5210, 61.7530



73.7560, 94.9960, 18.4840



86.1730, 61.9440, -10.2800

Triad

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



73.7560, 94.9960, 18.4840



72.4870, -48.4090, -42.3050



76.9980, -92.8020, 18.8620

Complementary

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



73.7560, 94.9960, 18.4840



102.2440, -94.9960, -18.4840

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.



87.3360, -97.1100, 8.8260



73.7560, 94.9960, 18.4840



81.0710, -69.8240, -23.1360

Square

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



73.7560, 94.9960, 18.4840



63.3960, -29.7000, -56.4840



87.4550, -87.8000, -5.7200



90.5820, 0.4030, 53.2910

Rectangle

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



73.7560, 94.9960, 18.4840



85.3990, 37.2800, -25.8560



87.4550, -87.8000, -5.7200



82.0360, -95.9650, 15.6110

Sweetspot

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



73.7560, 94.9960, 18.4840



189.8490, 37.2740, 7.3060



68.6980, 59.6350, 81.1630



90.8410, 22.5570, 4.1970



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.



73.7560, 94.9960, 18.4840



96.3590, 124.1550, 24.1790



124.8250, 71.0710, -27.0170



83.8650, 4.8140, 0.8620



63.9440, 82.6630, 16.2230



10.7090, 14.1210, 2.8970

Inverse Universe

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



102.2440, -94.9960, -18.4840



133.6410, -124.1550, -24.1790



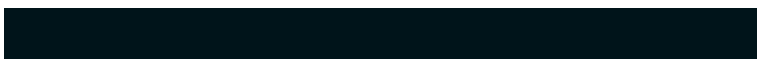
51.1750, -71.0710, 27.0170



85.1350, -4.8140, -0.8620



89.0560, -82.6630, -16.2230



14.7040, -13.8460, -2.3740

Previews

White Background



This preview shows how the YIQ color 73.7560, 94.9960, 18.4840 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 73.7560, 94.9960, 18.4840

Background



This preview shows how black text looks on a background with the YIQ color 73.7560, 94.9960, 18.4840.



This preview shows how white text looks on a background with the YIQ color 73.7560, 94.9960,

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

73.7560, 94.9960, 18.4840

Protanopia

88.0810, 29.6680, -20.0600

Deuteranopia

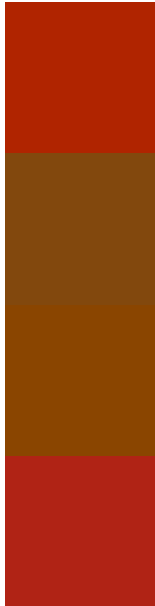
86.6390, 45.5320, -21.2200



Tritanopia

76.3440, 84.9530, 29.7930

Trichromacy



Original Color

73.7560, 94.9960, 18.4840

Protanomaly

82.6160, 53.5070, -6.0530

Deuteranomaly

81.7650, 63.2730, -6.8310

Tritanomaly

75.5630, 88.5300, 25.5380

Monochromacy



Original Color

73.7560, 94.9960, 18.4840

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.7670, 34.5690, 6.7690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.7560, 94.9960, 18.4840 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, 36, 0)` looks like.

```
.text, #text, p{  
    color:rgb(176, 36, 0)  
}
```

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, 36, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 36, 0) }
```

Border

The CSS property to change the border of an element to YIQ 73.7560, 94.9960, 18.4840 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, 36, 0) }
```


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

```
.border{ border-color:rgb(176, 36, 0) }
```

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

Here you see how a box with a 4 pixel rgb(176, 36, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 36, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 36, 0);  
box-shadow:4px 4px 4px 4px rgb(176, 36, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 73.7560, 94.9960, 18.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 36, 0) }
```

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

```
.background{ background-color: rgb(176, 36,  
0) }
```

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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