

Converting Colors

YIQ(77.6100, 98.3430, 18.3990)

Have a look what the booklet for
YIQ(77.6100, 98.3430, 18.3990)
contains.

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Color

**YIQ(77.6100, 98.3430,
18.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	B72700
RGB	183, 39, 0
RGB Percent	72%, 15%, 0%
CMY	0.2820, 0.8472, 0.9996
CMYK	0.00, 0.79, 1.00, 0.28
HSL	13°, 100%, 36%
HSV	13°, 100%, 72%
XYZ	20.2719, 11.5245, 1.1591
YIQ	77.6100, 98.3430, 18.3990

Conversions

Conversions Part 2

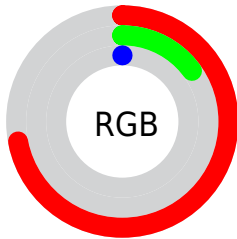
Format	Color
R_{YB}	183, 50, 0
Decimal	12003072
CIE _{Lab}	40.45, 55.42, 53.33
CIE _{LCh}	40, 76.911, 43.902
Yxy	11.5245, 0.6151, 0.3497
Android (android.graphics.Color)	4290193152 (0xFFB72700)
YUV	77.6100, -38.2617, 92.4270
Hunter-Lab	33.9478, 47.1823, 21.7391

Details

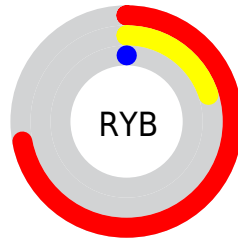
The YIQ color **77.6100, 98.3430, 18.3990** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **105.3900, -98.3430, -18.3990**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.8340, 103.5240, 18.1160**, and **35.8800, 71.5200, 25.4400** is the 20% darker color. If you saturate the color by 10%, you get **77.6100, 98.3430, 18.3990**, and if you desaturate by 10%, it is **87.8800, 88.7150, 16.6750**.

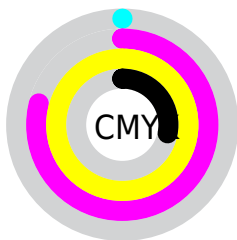
Distribution



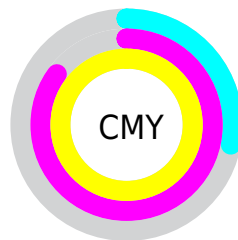
- Red (72%)
- Green (15%)
- Blue (0%)



- Red (72%)
- Yellow (20%)
- Blue (0%)



- Cyan (0%)
- Magenta (79%)
- Yellow (100%)
- Black (28%)





- Cyan (28%)
- Magenta (85%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 77.6100, 98.3430, 18.3990 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 77.6100, 98.3430, 18.3990 by changing the saturation by 10% instead.

 77.6100, 98.3430,
18.3990


 77.6100, 98.3430,
18.3990


 253.1760, 5.1360,
-4.9760


 45.4480, 90.5920,
32.2240


 136.8340,
103.5240, 18.1160


 35.8800, 71.5200,
25.4400


 158.3980, 92.8880,
12.6320


 26.9100, 53.6400,
19.0800

 177.2110, 77.1170,
6.5970

 18.7660, 36.3100,
13.7660

 197.0840, 61.1170,
-0.7950

 8.1870, 15.7710,
6.0350

 216.5980, 44.7500,
-7.0420

 0.0000, 0.0000,
0.0000

 237.2860, 27.8330,

-14.3350

■ 249.8700, 14.4450,
-13.9950

■ 77.6100, 98.3430,
18.3990

■ 87.8800, 88.7150,
16.6750

■ 98.8510, 78.4910,
14.7390

■ 109.1210, 68.8630,
13.0150

■ 119.9780, 58.9600,
10.7680

■ 130.3620, 49.0110,
9.3550

■ 140.6320, 39.3830,
7.6310

■ 151.4890, 29.4800,
5.3840

■ 161.8730, 19.5310,
3.9710

■ 172.7300, 9.6280,
1.7240

Harmonies

Analogous

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



68.0790, 97.3260, 64.3820



77.6100, 98.3430, 18.3990



90.0160, 63.8240, -11.3120

Triad

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



77.6100, 98.3430, 18.3990



76.4650, -51.3430, -44.1990



80.2580, -96.4700, 19.2580

Complementary

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



77.6100, 98.3430, 18.3990



105.3900, -98.3430, -18.3990

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.



91.1830, -101.0530, 8.6990



77.6100, 98.3430, 18.3990



85.1630, -73.0790, -24.7190

Square

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



77.6100, 98.3430, 18.3990



66.3310, -31.0750, -59.0990



91.3020, -91.7430, -5.8470



94.9350, 0.9070, 55.1710

Rectangle

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



77.6100, 98.3430, 18.3990



89.2420, 39.1600, -26.8880



91.3020, -91.7430, -5.8470



85.4100, -99.9540, 16.3180

Sweetspot

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



77.6100, 98.3430, 18.3990



196.0340, 38.1910, 7.2070



71.3610, 62.2020, 84.2020



95.1400, 23.1530, 4.4090



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



77.6100, 98.3430, 18.3990



100.2130, 127.5020, 24.0940



129.8530, 73.8680, -28.1480



86.8650, 4.8140, 0.8620



66.0150, 83.9010, 15.8130



11.8940, 15.0380, 2.7980

Inverse Universe

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



105.3900, -98.3430, -18.3990



136.7870, -127.5020, -24.0940



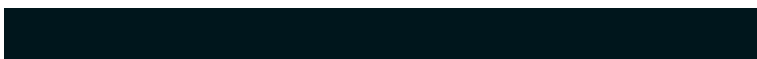
53.1470, -73.8680, 28.1480



88.1350, -4.8140, -0.8620



89.9850, -83.9010, -15.8130



16.1060, -15.0380, -2.7980

Previews

White Background



This preview shows how the YIQ color 77.6100, 98.3430, 18.3990 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 × 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 77.6100, 98.3430, 18.3990

Background



This preview shows how black text looks on a background with the YIQ color 77.6100, 98.3430, 18.3990.



This preview shows how white text looks on a background with the YIQ color 77.6100, 98.3430,

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

77.6100, 98.3430, 18.3990

Protanopia

92.0380, 31.2270, -20.7810

Deuteranopia

90.4820, 47.4120, -22.2520



Tritanopia

80.5400, 87.3370, 30.6410

Trichromacy



Original Color

77.6100, 98.3430, 18.3990

Protanomaly

86.8720, 55.6620, -6.5620

Deuteranomaly

85.9070, 65.7490, -7.6510

Tritanomaly

79.6450, 91.2350, 26.0750

Monochromacy



Original Color

77.6100, 98.3430, 18.3990

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

77.9520, 35.4860, 6.6700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.6100, 98.3430, 18.3990 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(183, 39, 0)` looks like.

```
.text, #text, p{  
    color:rgb(183, 39, 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(183, 39, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 39, 0) }
```

Border

The CSS property to change the border of an element to YIQ 77.6100, 98.3430, 18.3990 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(183, 39, 0) }
```


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

```
.border{ border-color:rgb(183, 39, 0) }
```

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

Here you see how a box with a 4 pixel rgb(183, 39, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 39, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 39, 0);  
box-shadow:4px 4px 4px 4px rgb(183, 39, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.6100, 98.3430, 18.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 39, 0) }
```

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

```
.background{ background-color: rgb(183, 39,  
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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