

Converting Colors

YIQ(79.6040, 89.3120, 11.3600)

Have a look what the booklet for
YIQ(79.6040, 89.3120, 11.3600)
contains.

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Color

**YIQ(79.6040, 89.3120,
11.3600)**

Conversions

Conversions Part 1

Format	Color
Hex	AC3000
RGB	172, 48, 0
RGB Percent	67%, 19%, 0%
CMY	0.3252, 0.8119, 0.9996
CMYK	0.00, 0.72, 1.00, 0.33
HSL	17°, 100%, 34%
HSV	17°, 100%, 67%
XYZ	18.0835, 10.8882, 1.1514
YIQ	79.6040, 89.3120, 11.3600

Conversions

Conversions Part 2

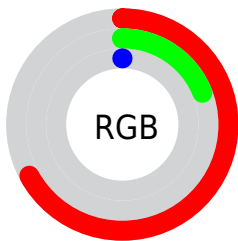
Format	Color
R_{YB}	172, 67, 0
Decimal	11284480
CIE Lab	39.39, 48.82, 51.60
CIE LCh	39, 71.037, 46.589
Yxy	10.8882, 0.6003, 0.3615
Android (android.graphics.Color)	4289474560 (0xFFAC3000)
YUV	79.6040, -39.2448, 81.0313
Hunter-Lab	32.9972, 40.0783, 21.0292

Details

The YIQ color **79.6040, 89.3120, 11.3600** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **92.3960, -89.3120, -11.3600**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **136.1810, 94.9970, 12.9570**, and **32.8900, 65.5600, 23.3200** is the 20% darker color. If you saturate the color by 10%, you get **79.6040, 89.3120, 11.3600**, and if you desaturate by 10%, it is **88.5860, 80.5550, 10.3710**.

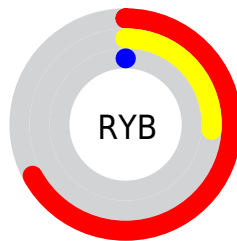
Distribution



Red (67%)

Green (19%)

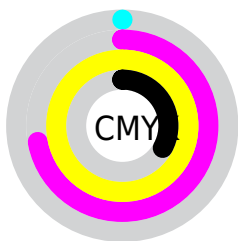
Blue (0%)



Red (67%)

Yellow (26%)

Blue (0%)

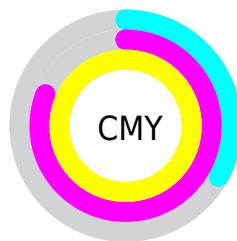


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (33%)



Cyan (33%)


Magenta (81%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 79.6040, 89.3120, 11.3600 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 79.6040, 89.3120, 11.3600 by changing the saturation by 10% instead.


 79.6040, 89.3120,
11.3600

 79.6040, 89.3120,
11.3600


 253.1760, 5.1360,
-4.9760


 50.9640, 79.9110,
22.0470


 136.1810, 94.9970,
12.9570


 33.1890, 66.1560,
23.5320


 160.7460, 91.7880,
10.5400


 24.2190, 48.2760,
17.1720


 179.5590, 76.0170,
4.5050

 16.6730, 32.1380,
12.2820

 198.9590, 59.9710,
-2.0530

 2.3920, 4.7680,
1.6960

 218.9460, 43.6500,
-9.1340

 0.0000, 0.0000,
0.0000

 239.0470, 27.0080,

-15.9040

■ 249.8700, 14.4450,
-13.9950

■ 79.6040, 89.3120,
11.3600

■ 88.5860, 80.5550,
10.3710

■ 98.2690, 71.2020,
9.1700

■ 107.2510, 62.4450,
8.1810

■ 116.8200, 53.4130,
6.6690

■ 125.8020, 44.6560,
5.6800

■ 134.7840, 35.8990,
4.6910

■ 144.4670, 26.5460,
3.4900

■ 153.4490, 17.7890,
2.5010

■ 163.0180, 8.7570,
0.9890

Harmonies

Analogous

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



64.1060, 92.6960, 60.1840



79.6040, 89.3120, 11.3600



87.9120, 58.1850, -13.7430

Triad

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



79.6040, 89.3120, 11.3600



74.8010, -52.1690, -40.2410



75.7270, -90.6010, 17.5190

Complementary

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



79.6040, 89.3120, 11.3600



92.3960, -89.3120, -11.3600

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.



86.9940, -96.1470, 7.8930



79.6040, 89.3120, 11.3600



82.8150, -71.9790, -22.6270

Square

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



79.6040, 89.3120, 11.3600



64.5700, -30.2500, -57.5300



87.6830, -88.4420, -5.0980



92.7630, 7.1430, 52.2870

Rectangle

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



79.6040, 89.3120, 11.3600



86.5620, 35.2630, -27.8490



87.6830, -88.4420, -5.0980



80.8790, -94.0850, 14.5790

Sweetspot

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



79.6040, 89.3120, 11.3600



188.1860, 34.7070, 4.2670



65.7920, 62.0660, 75.6500



90.4170, 20.8150, 2.7270



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



79.6040, 89.3120, 11.3600



103.3700, 116.4540, 15.0620



128.9120, 66.2120, -32.5720



81.8650, 4.8140, 0.8620



69.5040, 77.8500, 9.8340



10.3990, 12.0580, 1.7380

Inverse Universe

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



92.3960, -89.3120, -11.3600



120.6300, -116.4540, -15.0620



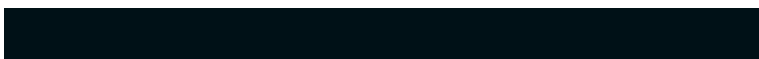
43.0880, -66.2120, 32.5720



82.5480, -4.5390, -0.3390



81.0830, -78.1250, -10.3570



12.6010, -12.0580, -1.7380

Previews

White Background



This preview shows how the YIQ color 79.6040, 89.3120, 11.3600 looks on a white background.

Color Contrast Check

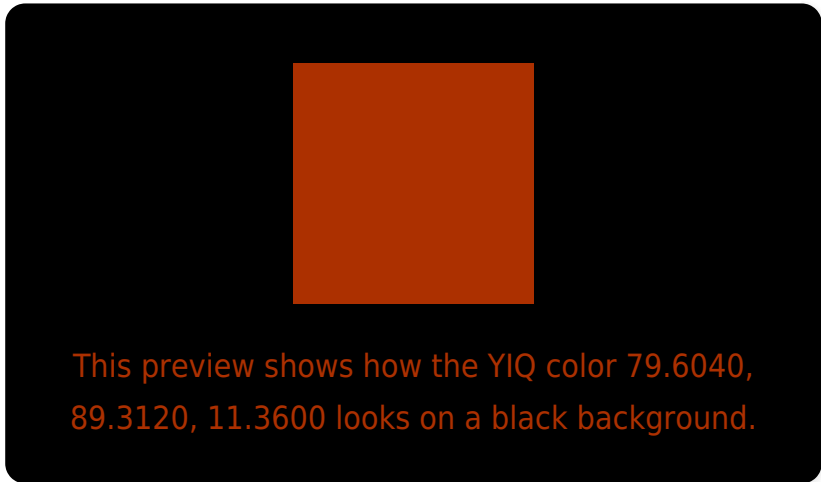
Large Text (above 18pt) WCAG AA ✓ Pass

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

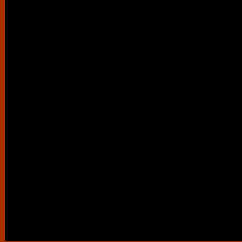
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.6040, 89.3120, 11.3600

Background



This preview shows how black text looks on a background with the YIQ color 79.6040, 89.3120, 11.3600.



This preview shows how white text looks on a background with the YIQ color 79.6040, 89.3120,

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

79.6040, 89.3120, 11.3600

Protanopia

89.0380, 31.2270, -20.7810

Deuteranopia

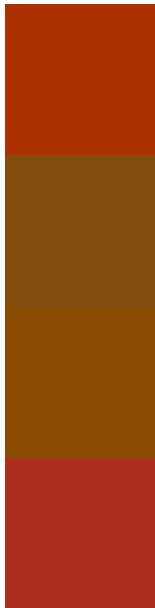
87.8240, 46.4490, -21.3190



Tritanopia

83.3860, 75.9670, 27.4470

Trichromacy



Original Color

79.6040, 89.3120, 11.3600

Protanomaly

85.4370, 52.4530, -8.9790

Deuteranomaly

84.7000, 61.8980, -9.4460

Tritanomaly

82.0350, 81.1490, 21.6370

Monochromacy



Original Color

79.6040, 89.3120, 11.3600

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

79.5170, 32.2770, 4.2530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.6040, 89.3120, 11.3600 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(172, 48, 0)` looks like.

```
.text, #text, p{  
    color:rgb(172, 48, 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(172, 48, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 48, 0) }
```

Border

The CSS property to change the border of an element to YIQ 79.6040, 89.3120, 11.3600 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(172, 48, 0) }
```


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

```
.border{ border-color:rgb(172, 48, 0) }
```

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

Here you see how a box with a 4 pixel rgb(172, 48, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 48, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 48, 0);  
box-shadow:4px 4px 4px 4px rgb(172, 48, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 79.6040, 89.3120, 11.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 48, 0) }
```

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

```
.background{ background-color: rgb(172, 48,  
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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