

Converting Colors

YIQ(113.7260, 9.7060, 77.4340)

Have a look what the booklet for
YIQ(113.7260, 9.7060, 77.4340)
contains.

YIQ(113.7260, 9.7060, 77.4340)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(113.7260, 9.7060,
77.4340)**

Conversions

Conversions Part 1

Format	Color
Hex	AB3DEB
RGB	171, 61, 235
RGB Percent	67%, 24%, 92%
CMY	0.3290, 0.7610, 0.0785
CMYK	0.27, 0.74, 0.00, 0.08
HSL	278°, 81%, 58%
HSV	278°, 74%, 92%
XYZ	33.4733, 17.9979, 80.2884
YIQ	113.7260, 9.7060, 77.4340

Conversions

Conversions Part 2

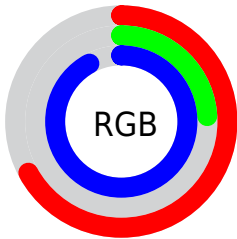
Format	Color
RYB	171, 61, 235
Decimal	11222507
CIELab	49.49, 70.79, -67.77
CIElCh	49, 98.001, 316.251
Yxy	17.9979, 0.2540, 0.1366
Android (android.graphics.Color)	4289412587 (0xFFAB3DEB)
YUV	113.7260, 59.7881, 50.2293
Hunter-Lab	42.4239, 66.5982, -82.5112

Details

The YIQ color **113.7260, 9.7060, 77.4340** is a light color, and the websafe version is hex **9900CC**. The color can be described as light washed purple. A complement of this color would be **182.2740, -9.7060, -77.4340**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.4050, 23.3710, 66.5630**, and **53.7800, 9.6140, 79.1020** is the 20% darker color. If you saturate the color by 10%, you get **96.9470, 10.9420, 88.0780**, and if you desaturate by 10%, it is **129.9180, 8.7450, 67.3130**.

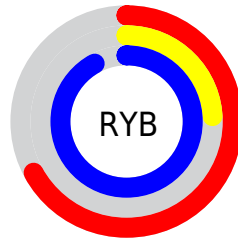
Distribution



Red (67%)

Green (24%)

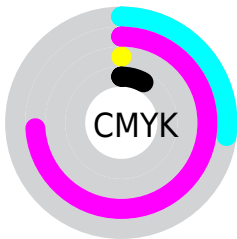
Blue (92%)



Red (67%)

Yellow (24%)

Blue (92%)

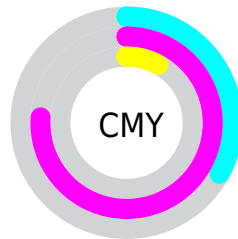


Cyan (27%)

Magenta (74%)

Yellow (0%)

Black (8%)



Cyan (33%)

Magenta (76%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.7260, 9.7060, 77.4340 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 113.7260, 9.7060, 77.4340 by changing the saturation by 10% instead.

113.7260, 9.7060,
77.4340

113.7260, 9.7060,
77.4340

255.0000, -0.0000,
-0.0000

81.2040, 11.3560,
80.5720

167.4050, 23.3710,
66.5630

54.0790, 10.2100,
79.3140

191.6040, 29.7000,
56.4840

42.0310, 0.9970,
64.5570

208.0400, 22.0000,
41.8400

29.6840, -8.8120,
49.5880

225.0630, 14.0250,
26.6730

17.1520, -19.5380,
34.7180

242.0860, 6.0500,
11.5060

8.3220, -23.4330,
22.7030

7.9340, -16.8290,

13.1470

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,
0.0000

■ 113.7260, 9.7060,
77.4340

■ 113.7260, 9.7060,
77.4340

■ 96.9470, 10.9420,
88.0780

■ 129.9180, 8.7450,
67.3130

■ 81.0540, 12.4990,
98.4110

■ 146.3980, 6.9130,
56.4570

■ 71.3410, 13.3690,
104.6730

■ 162.5900, 5.9520,
46.3360

■ 179.3690, 4.7160,
35.6920

■ 195.2620, 3.1590,
25.3590

■ 212.0410, 1.9230,
14.7150

■ 227.9340, 0.3660,
4.3820

■ 244.7130, -0.8700,
-6.2620

■ 250.9260, 2.8440,
-7.4920

Harmonies

Analogous

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



95.9880, -113.2050, 19.6830



113.7260, 9.7060, 77.4340



90.2990, 92.2760, 100.8520

Triad

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



113.7260, 9.7060, 77.4340



111.0250, 76.8000, -15.2000



106.6320, -93.5730, -27.7570

Complementary

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



113.7260, 9.7060, 77.4340



182.2740, -9.7060, -77.4340

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.



94.8390, -64.5000, -53.5560



113.7260, 9.7060, 77.4340



105.3350, 24.9960, -45.5320

Square

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



113.7260, 9.7060, 77.4340



92.2390, 124.6130, 26.8930



82.7670, -38.7750, -73.7430



114.7090, -117.6940, -3.5980

Rectangle

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



113.7260, 9.7060, 77.4340



88.2150, 118.2750, 86.7150



82.7670, -38.7750, -73.7430



102.7390, -83.9890, -36.2530

Sweetspot

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



113.7260, 9.7060, 77.4340



215.8490, 2.8840, 24.8360



120.1650, -74.2790, 19.0730



104.1550, 1.6020, 15.0260



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



113.7260, 9.7060, 77.4340



96.9340, 12.9570, 101.1250



130.5820, 54.2700, 84.7820



109.3470, 0.6410, 4.9050



55.0190, 10.4390, 80.6710



16.3220, 2.9300, 24.0020

Inverse Universe

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



120.3220, 83.1600, 56.7920



105.3350, 108.6490, 73.9370



165.4180, -54.2700, -84.7820



109.7450, 5.2720, 3.5760



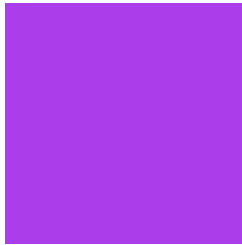
61.6430, 86.6900, 58.8980



18.4260, 25.7640, 17.6680

Previews

White Background



This preview shows how the YIQ color 113.7260, 9.7060, 77.4340 looks on a white background.

Color Contrast Check

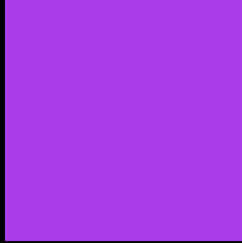
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 113.7260, 9.7060, 77.4340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

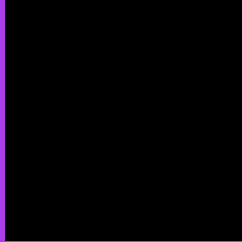
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 113.7260, 9.7060, 77.4340

Background



This preview shows how black text looks on a background with the YIQ color 113.7260, 9.7060, 77.4340.



This preview shows how white text looks on a background with the YIQ color 113.7260, 9.7060,

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

113.7260, 9.7060, 77.4340

Protanopia

94.2780, -108.3900, 15.0180

Deuteranopia

94.4940, -100.7310, 2.8610



Tritanopia

119.6660, 24.8480, 12.2400

Trichromacy



Original Color

113.7260, 9.7060, 77.4340



Protanomaly

101.4350, -65.5710, 37.4770



Deuteranomaly

101.7310, -60.8930, 29.7870



Tritanomaly

117.3830, 19.2960, 35.7760

Monochromacy



Original Color

113.7260, 9.7060, 77.4340



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

114.1420, 3.6170, 28.0730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.7260, 9.7060, 77.4340 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(171, 61, 235)` looks like.

```
.text, #text, p{  
    color:rgb(171, 61, 235)  
}
```

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(171, 61, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 61, 235) }
```

Border

The CSS property to change the border of an element to YIQ 113.7260, 9.7060, 77.4340 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(171, 61, 235) }
```


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

```
.border{ border-color:rgb(171, 61, 235) }
```

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

Here you see how a box with a 4 pixel rgb(171, 61, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 61, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 61, 235);  
box-shadow:4px 4px 4px 4px rgb(171, 61,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 113.7260, 9.7060, 77.4340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 61, 235) }
```

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

```
.background{ background-color: rgb(171, 61,  
235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor