

Converting Colors

YIQ(148.8730, 2.3360, 12.7360)

Have a look what the booklet for
YIQ(148.8730, 2.3360, 12.7360)
contains.

YIQ(148.8730, 2.3360, 12.7360)	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(148.8730, 2.3360,
12.7360)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8CA8
RGB	159, 140, 168
RGB Percent	62%, 55%, 66%
CMY	0.3764, 0.4510, 0.3412
CMYK	0.05, 0.17, 0.00, 0.34
HSL	281°, 14%, 60%
HSV	281°, 17%, 66%
XYZ	30.7458, 28.9535, 41.0123
YIQ	148.8730, 2.3360, 12.7360

Conversions

Conversions Part 2

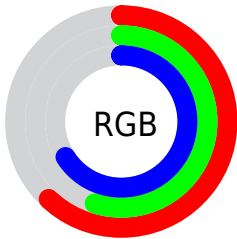
Format	Color
RYB	159, 140, 168
Decimal	10456232
CIELab	60.74, 12.45, -12.13
CIELCh	61, 17.381, 315.759
Yxy	28.9535, 0.3053, 0.2875
Android (android.graphics.Color)	4288646312 (0xFF9F8CA8)
YUV	148.8730, 9.4296, 8.8814
Hunter-Lab	53.8084, 7.8290, -7.5245

Details

The YIQ color $148.8730, 2.3360, 12.7360$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $159.1270, -2.3360, -12.7360$, and the grayscale version is $149.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $203.2860, 2.6110, 13.2590$, and $98.0470, 1.7860, 11.6900$ is the 20% darker color. If you saturate the color by 10%, you get $137.3990, 4.0310, 20.5670$, and if you desaturate by 10%, it is $160.3470, 0.6410, 4.9050$.

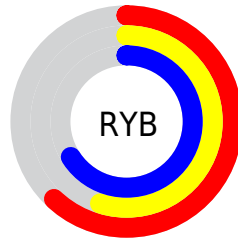
Distribution



Red (62%)

Green (55%)

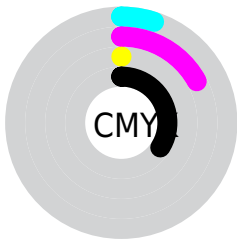
Blue (66%)



Red (62%)

Yellow (55%)

Blue (66%)

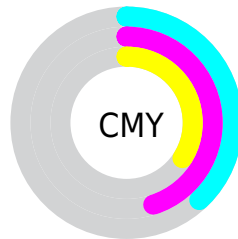


Cyan (5%)

Magenta (17%)

Yellow (0%)

Black (34%)



Cyan (38%)

Magenta (45%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.8730, 2.3360, 12.7360 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 148.8730, 2.3360, 12.7360 by changing the saturation by 10% instead.

■ 148.8730, 2.3360,
12.7360

■ 148.8730, 2.3360,
12.7360

■ 255.0000, -0.0000,
-0.0000

■ 122.8730, 2.3360,
12.7360

■ 203.2860, 2.6110,
13.2590

■ 98.0470, 1.7860,
11.6900

■ 231.4000, 2.2900,
13.5700

■ 73.9330, 2.1070,
11.3790

■ 252.0650, 1.3750,
2.6150

■ 51.5200, 1.8320,
10.8560

■ 30.1070, 1.5570,
10.3330

■ 8.5310, 3.2990,
11.8030

■ 0.0000, 0.0000,

0.0000

■ 148.8730, 2.3360,
12.7360

■ 148.8730, 2.3360,
12.7360

■ 137.3990, 4.0310,
20.5670

■ 160.3470, 0.6410,
4.9050

■ 125.6260, 5.1300,
28.1860

■ 172.1200, -0.4580,
-2.7140

■ 114.7390, 6.5500,
35.4940

■ 183.0070, -1.8780,
-10.0220

■ 102.9660, 7.6490,
43.1130

■ 194.7800, -2.9770,
-17.6410

■ 91.4920, 9.3440,
50.9440

■ 206.2540, -4.6720,
-25.4720

■ 80.0180, 11.0390,
58.7750

■ 217.7280, -6.3670,
-33.3030

■ 68.2450, 12.1380,
66.3940

■ 227.7400, -6.6410,
-39.3530

■ 57.3580, 13.5580,
73.7020

■ 229.2350, -3.6610,
-38.2930

■ 53.2380, 14.0160,
76.4160

■ 231.0290, -0.0850,
-37.0210

Harmonies

Analogous

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



147.0390, -12.9310, 8.5810



148.8730, 2.3360, 12.7360



149.1150, 16.2740, 13.4420

Triad

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



148.8730, 2.3360, 12.7360



146.6140, 21.4580, -3.4220



140.2350, -28.8830, -10.6990

Complementary

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



148.8730, 2.3360, 12.7360



159.1270, -2.3360, -12.7360

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.



141.4010, -17.7870, -13.5550



148.8730, 2.3360, 12.7360



145.0640, 11.1430, -9.2170

Square

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



148.8730, 2.3360, 12.7360



147.8800, 26.8210, 4.0130



142.9420, -3.2530, -12.6370



141.5430, -32.5060, -5.6100

Rectangle

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



148.8730, 2.3360, 12.7360



149.4700, 22.4640, 11.3920



142.9420, -3.2530, -12.6370



140.2630, -26.0860, -11.8300

Sweetspot

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



148.8730, 2.3360, 12.7360



211.6460, 1.2370, 5.1170



148.4750, -11.4630, 4.0010



105.2930, 0.7330, 3.2370



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



148.8730, 2.3360, 12.7360



188.9860, 3.7560, 20.0440



150.9940, 9.3050, 13.0890



78.4070, 0.4120, 3.5480



46.7720, 12.0920, 67.2280



6.4660, 1.9240, 9.1880

Inverse Universe

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



149.3980, 13.7990, 8.7350



189.8660, 21.4090, 13.9930



157.0060, -9.3050, -13.0890



78.6200, 4.1260, 2.3180



49.6100, 73.1210, 45.9930



6.7780, 9.6730, 6.4170

Previews

White Background



This preview shows how the YIQ color 148.8730, 2.3360, 12.7360 looks on a white background.

Color Contrast Check

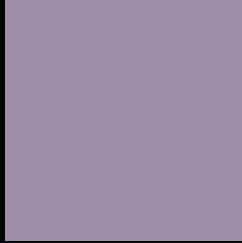
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 148.8730, 2.3360, 12.7360 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 148.8730, 2.3360, 12.7360

Background



This preview shows how black text looks on a background with the YIQ color 148.8730, 2.3360, 12.7360.



This preview shows how white text looks on a background with the YIQ color 148.8730, 2.3360,

12.7360.

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

148.8730, 2.3360, 12.7360

Protanopia

147.1810, -10.4550, 7.7610

Deuteranopia

148.1280, -2.9360, 9.1600



Tritanopia

147.8530, 5.0880, 6.9120

Trichromacy



Original Color

148.8730, 2.3360, 12.7360

Protanomaly

147.6870, -6.0080, 9.7680

Deuteranomaly

148.4380, -0.8730, 10.3190

Tritanomaly

148.1350, 4.3540, 9.2020

Monochromacy



Original Color

148.8730, 2.3360, 12.7360

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.2330, 0.9620, 4.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.8730, 2.3360, 12.7360 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(159, 140, 168)` looks like.

```
.text, #text, p{  
    color:rgb(159, 140, 168)  
}
```

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(159, 140, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 140, 168) }
```

Border

The CSS property to change the border of an element to YIQ 148.8730, 2.3360, 12.7360 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(159, 140, 168) }
```


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

```
.border{ border-color:rgb(159, 140, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 140, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 140, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 140, 168);  
box-shadow:4px 4px 4px 4px rgb(159, 140,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 148.8730, 2.3360, 12.7360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 140, 168) }
```

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

```
.background{ background-color: rgb(159,  
140, 168) }
```

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