

Converting Colors

YIQ(124.7620, 8.8840, 59.2840)

Have a look what the booklet for
YIQ(124.7620, 8.8840, 59.2840)
contains.

YIQ(124.7620, 8.8840, 59.2840)	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(124.7620, 8.8840,
59.2840)**

Conversions

Conversions Part 1

Format	Color
Hex	AA54D8
RGB	170, 84, 216
RGB Percent	67%, 33%, 85%
CMY	0.3330, 0.6707, 0.1530
CMYK	0.21, 0.61, 0.00, 0.15
HSL	279°, 63%, 59%
HSV	279°, 61%, 85%
XYZ	32.1534, 19.8463, 67.0902
YIQ	124.7620, 8.8840, 59.2840

Conversions

Conversions Part 2

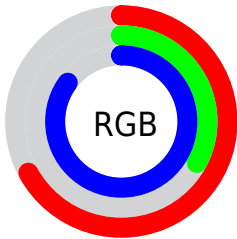
Format	Color
RYB	170, 84, 216
Decimal	11162840
CIELab	51.66, 56.74, -53.53
CIELCh	52, 78.004, 316.668
Yxy	19.8463, 0.2700, 0.1666
Android (android.graphics.Color)	4289352920 (0xFFAA54D8)
YUV	124.7620, 44.9803, 39.6737
Hunter-Lab	44.5492, 50.8715, -58.1052

Details

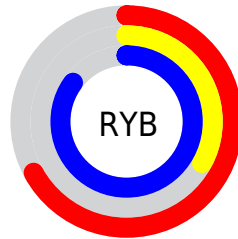
The YIQ color **124.7620, 8.8840, 59.2840** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **175.2380, -8.8840, -59.2840**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.2480, 16.0830, 55.4670**, and **68.7620, 8.8840, 59.2840** is the 20% darker color. If you saturate the color by 10%, you get **109.7550, 10.7620, 69.3060**, and if you desaturate by 10%, it is **140.0680, 7.6020, 49.4740**.

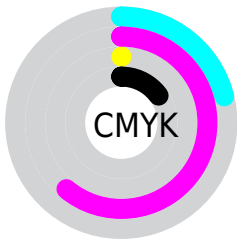
Distribution



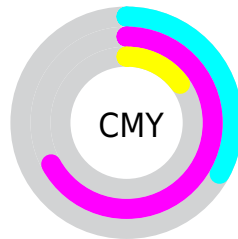
- Red (67%)
- Green (33%)
- Blue (85%)



- Red (67%)
- Yellow (33%)
- Blue (85%)



- Cyan (21%)
- Magenta (61%)
- Yellow (0%)
- Black (15%)



- Cyan (33%)
- Magenta (67%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.7620, 8.8840, 59.2840 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 124.7620, 8.8840, 59.2840 by changing the saturation by 10% instead.

■ 124.7620, 8.8840,
59.2840

■ 124.7620, 8.8840,
59.2840

■ 255.0000, -0.0000,
-0.0000

■ 97.3490, 8.6090,
58.7610

■ 178.2480, 16.0830,
55.4670

■ 68.7620, 8.8840,
59.2840

■ 202.1700, 24.7500,
47.0700

■ 40.9900, 8.2420,
59.9060

■ 218.6060, 17.0500,
32.4260

■ 29.9530, 0.4960,
46.0960

■ 235.6290, 9.0750,
17.2590

■ 19.0300, -7.5710,
32.5970

■ 252.6520, 1.1000,
2.0920

■ 6.7260, -18.9390,
18.3490

■ 5.2780, -12.1060,

10.1500

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 124.7620, 8.8840,
59.2840

■ 124.7620, 8.8840,
59.2840

■ 109.7550, 10.7620,
69.3060

■ 140.0680, 7.6020,
49.4740

■ 95.0360, 11.7690,
78.5930

■ 154.4880, 5.9990,
39.9750

■ 80.0290, 13.6470,
88.6150

■ 169.7940, 4.7170,
30.1650

■ 66.7830, 14.7000,
97.0680

■ 184.2140, 3.1140,
20.6660

199.5200, 1.8320,
10.8560

214.5270, -0.0460,
0.8340

229.2460, -1.0530,
-8.4530

243.0790, -2.3810,
-17.4290

245.4710, 2.3870,
-15.7330

Harmonies

Analogous

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



98.6950, -113.9380, 16.4460



124.7620, 8.8840, 59.2840



107.9520, 73.2990, 75.8190

Triad

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



124.7620, 8.8840, 59.2840



116.0090, 73.7290, -20.1190



107.4640, -93.1600, -29.7360

Complementary

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



124.7620, 8.8840, 59.2840



175.2380, -8.8840, -59.2840

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.



98.3100, -70.1400, -50.4600



124.7620, 8.8840, 59.2840



111.2820, 32.5150, -44.1330

Square

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



124.7620, 8.8840, 59.2840



111.4160, 101.6450, 13.6210



84.9840, -40.8840, -74.0680



112.5430, -111.5950, -9.5070

Rectangle

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



124.7620, 8.8840, 59.2840



97.0180, 99.2960, 72.7360



84.9840, -40.8840, -74.0680



104.2550, -85.5020, -36.3660

Sweetspot

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



124.7620, 8.8840, 59.2840



223.2140, 3.1140, 20.6660



126.0500, -55.0220, 16.9940



107.9870, 2.0150, 13.0470



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.



124.7620, 8.8840, 59.2840



126.3830, 12.4100, 83.4980



136.2360, 42.7200, 62.8160



99.3470, 0.6410, 4.9050



52.6830, 11.2650, 76.7130



13.2740, 2.8850, 19.3090

Inverse Universe

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



128.7120, 63.9060, 42.2900



132.0240, 89.9910, 59.6470



163.7640, -42.7200, -62.8160



99.7450, 5.2720, 3.5760



57.8550, 82.9770, 54.6010



14.5670, 20.8130, 13.7810

Previews

White Background



This preview shows how the YIQ color 124.7620, 8.8840, 59.2840 looks on a white background.

Color Contrast Check

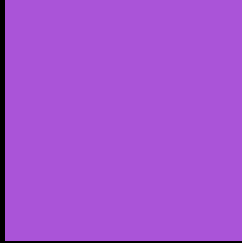
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.7620, 8.8840, 59.2840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

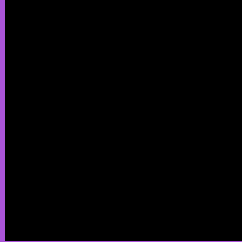
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.7620, 8.8840, 59.2840

Background



This preview shows how black text looks on a background with the YIQ color 124.7620, 8.8840, 59.2840.



This preview shows how white text looks on a background with the YIQ color 124.7620, 8.8840,

59.2840.

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

124.7620, 8.8840, 59.2840

Protanopia

103.9630, -102.8890, 19.9510

Deuteranopia

115.6360, -62.7240, 13.4040



Tritanopia

125.1820, 23.3350, 12.1270

Trichromacy



Original Color

124.7620, 8.8840, 59.2840



Protanomaly

111.2950, -62.3610, 34.3670



Deuteranomaly

118.8340, -36.3180, 30.4500



Tritanomaly

124.7970, 17.8300, 29.3020

Monochromacy



Original Color

124.7620, 8.8840, 59.2840



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

124.7410, 3.0680, 21.5000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.7620, 8.8840, 59.2840 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(170, 84, 216)` looks like.

```
.text, #text, p{  
    color:rgb(170, 84, 216)  
}
```

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(170, 84, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 84, 216) }
```

Border

The CSS property to change the border of an element to YIQ 124.7620, 8.8840, 59.2840 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(170, 84, 216) }
```


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

```
.border{ border-color:rgb(170, 84, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 84, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 84, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 84, 216);  
box-shadow:4px 4px 4px 4px rgb(170, 84,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 124.7620, 8.8840, 59.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 84, 216) }
```

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

```
.background{ background-color: rgb(170, 84,  
216) }
```

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