

Converting Colors

YIQ(147.3540, -0.0960, 23.7760)

Have a look what the booklet for
YIQ(147.3540, -0.0960, 23.7760)
contains.

YIQ(147.3540, -0.0960, 23.7760)	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(147.3540, -0.0960,
23.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	A284BC
RGB	162, 132, 188
RGB Percent	64%, 52%, 74%
CMY	0.3646, 0.4824, 0.2628
CMYK	0.14, 0.30, 0.00, 0.26
HSL	272°, 29%, 63%
HSV	272°, 30%, 74%
XYZ	32.2313, 27.8137, 51.2405
YIQ	147.3540, -0.0960, 23.7760

Conversions

Conversions Part 2

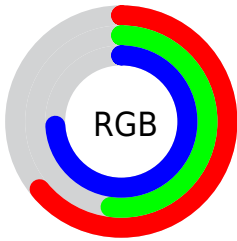
Format	Color
R_{YB}	162, 132, 188
Decimal	10650812
CIE _{Lab}	59.72, 22.29, -25.01
CIE _{LCh}	60, 33.506, 311.706
Yxy	27.8137, 0.2896, 0.2499
Android (android.graphics.Color)	4288840892 (0xFFA284BC)
YUV	147.3540, 20.0385, 12.8445
Hunter-Lab	52.7387, 16.7975, -20.6885

Details

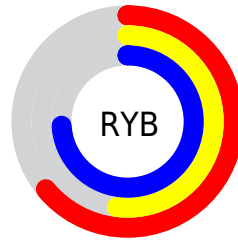
The YIQ color $147.3540, -0.0960, 23.7760$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $172.6460, 0.0960, -23.7760$, and the grayscale version is $147.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $201.2940, 0.1330, 25.1330$, and $96.4140, -0.3250, 22.4190$ is the 20% darker color. If you saturate the color by 10%, you get $133.5100, -0.2350, 31.8050$, and if you desaturate by 10%, it is $161.1980, 0.0430, 15.7470$.

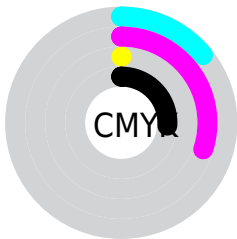
Distribution



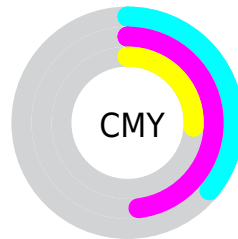
- Red (64%)
- Green (52%)
- Blue (74%)



- Red (64%)
- Yellow (52%)
- Blue (74%)



- Cyan (14%)
- Magenta (30%)
- Yellow (0%)
- Black (26%)



- Cyan (36%)
- Magenta (48%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.3540, -0.0960, 23.7760 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 147.3540, -0.0960, 23.7760 by changing the saturation by 10% instead.

■ 147.3540, -0.0960,
23.7760

■ 147.3540, -0.0960,
23.7760

■ 255.0000, -0.0000,
-0.0000

■ 121.5280, -0.6460,
22.7300

■ 201.2940, 0.1330,
25.1330

■ 96.4140, -0.3250,
22.4190

■ 227.6550, 6.1860,
20.0580

■ 72.4740, -0.5540,
21.0620

■ 247.3690, 3.5750,
6.7990

■ 49.6480, -1.1040,
20.0160

■ 26.8220, -1.6540,
18.9700

■ 10.4260, -0.5990,
16.3690

■ 2.4110, -5.4110,

4.4530

■ 0.0000, 0.0000,
0.0000

■ 147.3540, -0.0960,
23.7760

■ 147.3540, -0.0960,
23.7760

■ 133.5100, -0.2350,
31.8050

■ 161.1980, 0.0430,
15.7470

■ 119.9650, 0.2220,
40.0460

■ 174.7430, -0.4140,
7.5060

■ 106.7080, -0.1920,
47.5520

■ 188.0000, 0.0000,
0.0000

■ 92.8640, -0.3310,
55.5810

■ 201.8440, 0.1390,
-8.0290

■ 79.0200, -0.4700,
63.6100

■ 215.6880, 0.2780,
-16.0580

65.4750, -0.0130,
71.8510

229.2330, -0.1790,
-24.2990

51.6310, -0.1520,
79.8800

237.7940, 2.4350,
-27.6210

240.4850, 7.7990,
-25.7130

242.8770, 12.5670,
-24.0170

Harmonies

Analogous

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



142.7350, -32.3260, 13.1620



147.3540, -0.0960, 23.7760



147.5930, 27.0920, 26.6440

Triad

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



147.3540, -0.0960, 23.7760



143.3850, 41.0360, -5.8120



123.2510, -70.5110, -27.2070

Complementary

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



147.3540, -0.0960, 23.7760



172.6460, 0.0960, -23.7760

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.



131.4000, -34.3820, -26.6860



147.3540, -0.0960, 23.7760



140.8400, 23.1570, -17.6990

Square

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



147.3540, -0.0960, 23.7760



144.9490, 48.7360, 8.8320



137.2650, -3.2050, -24.5250



117.6800, -93.5280, -23.0640

Rectangle

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



147.3540, -0.0960, 23.7760



146.8300, 39.4260, 23.3780



137.2650, -3.2050, -24.5250



126.5960, -58.3610, -27.1370

Sweetspot

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



147.3540, -0.0960, 23.7760



229.0960, 0.0900, 9.3860



153.6460, -25.1260, 3.8180



112.5750, -0.0010, 5.5270



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



147.3540, -0.0960, 23.7760



181.0850, -0.2360, 37.3320



154.9000, 16.0420, 28.6660



87.5210, 0.0910, 3.8590



43.4270, -0.0580, 67.1580



8.3180, -0.4150, 13.0330

Inverse Universe

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



151.7080, 25.0300, 19.9580



187.9860, 39.2870, 31.4070



165.1000, -16.0420, -28.6660



88.1470, 4.0800, 3.1520



55.5640, 70.7350, 56.1990



10.8650, 13.9820, 10.9260

Previews

White Background



This preview shows how the YIQ color 147.3540, -0.0960, 23.7760 looks on a white background.

Color Contrast Check

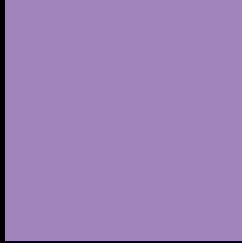
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.3540, -0.0960, 23.7760 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 147.3540, -0.0960, 23.7760

Background



This preview shows how black text looks on a background with the YIQ color 147.3540, -0.0960, 23.7760.



This preview shows how white text looks on a background with the YIQ color 147.3540, -0.0960,

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

147.3540, -0.0960, 23.7760

Protanopia

144.2690, -25.0820, 14.0380

Deuteranopia

144.6350, -17.4250, 12.9350



Tritanopia

145.3370, 6.6010, 7.0250

Trichromacy



Original Color

147.3540, -0.0960, 23.7760

Protanomaly

145.1670, -15.8670, 17.7410

Deuteranomaly

145.6790, -11.5570, 16.7230

Tritanomaly

145.7700, 4.1240, 13.3720

Monochromacy



Original Color

147.3540, -0.0960, 23.7760

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.2700, -0.4600, 8.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.3540, -0.0960, 23.7760 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(162, 132, 188)` looks like.

```
.text, #text, p{  
    color:rgb(162, 132, 188)  
}
```

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(162, 132, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 132, 188) }
```

Border

The CSS property to change the border of an element to YIQ 147.3540, -0.0960, 23.7760 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(162, 132, 188) }
```


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

```
.border{ border-color:rgb(162, 132, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 132, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 132, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 132, 188);  
box-shadow:4px 4px 4px 4px rgb(162, 132,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 147.3540, -0.0960, 23.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 132, 188) }
```

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

```
.background{ background-color: rgb(162,  
132, 188) }
```

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