

Converting Colors

YIQ(147.0450, 14.4360, 35.7480)

Have a look what the booklet for
YIQ(147.0450, 14.4360, 35.7480)
contains.

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Color

**YIQ(147.0450, 14.4360,
35.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	B778C0
RGB	183, 120, 192
RGB Percent	72%, 47%, 75%
CMY	0.2822, 0.5295, 0.2471
CMYK	0.05, 0.38, 0.00, 0.25
HSL	293°, 36%, 61%
HSV	293°, 38%, 75%
XYZ	35.7680, 27.3058, 53.2548
YIQ	147.0450, 14.4360, 35.7480

Conversions

Conversions Part 2

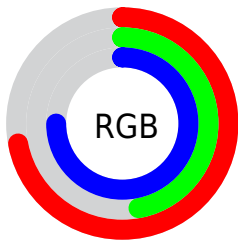
Format	Color
R_{YB}	183, 120, 192
Decimal	12024000
CIE _{Lab}	59.26, 36.60, -27.83
CIE _{LCh}	59, 45.980, 322.758
Yxy	27.3058, 0.3075, 0.2347
Android (android.graphics.Color)	4290214080 (0xFFB778C0)
YUV	147.0450, 22.1628, 31.5325
Hunter-Lab	52.2549, 30.7355, -23.8460

Details

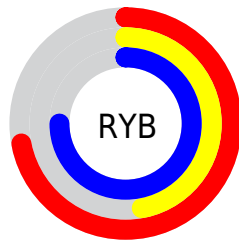
The YIQ color **147.0450, 14.4360, 35.7480** is a light color, and the websafe version is hex **996699**. A complement of this color would be **164.9550, -14.4360, -35.7480**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.6970, 15.5360, 37.8400**, and **95.3930, 13.3360, 33.6560** is the 20% darker color. If you saturate the color by 10%, you get **135.2940, 18.4690, 45.2610**, and if you desaturate by 10%, it is **158.7960, 10.4030, 26.2350**.

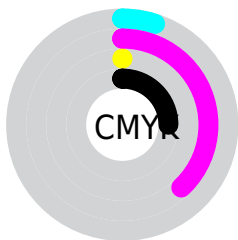
Distribution



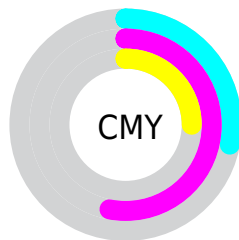
- Red (72%)
- Green (47%)
- Blue (75%)



- Red (72%)
- Yellow (47%)
- Blue (75%)



- Cyan (5%)
- Magenta (38%)
- Yellow (0%)
- Black (25%)



- Cyan (28%)
- Magenta (53%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.0450, 14.4360, 35.7480 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 147.0450, 14.4360, 35.7480 by changing the saturation by 10% instead.

147.0450, 14.4360,
35.7480

147.0450, 14.4360,
35.7480

255.0000, -0.0000,
-0.0000

120.6320, 14.1610,
35.2250

201.6970, 15.5360,
37.8400

95.3930, 13.3360,
33.6560

223.3020, 14.8500,
28.2420

70.0940, 12.7400,
33.4440

240.3250, 6.8750,
13.0750

44.7950, 12.1440,
33.2320

23.1430, 11.0440,
31.1400

14.9540, 6.7820,
20.2700

2.8670, -6.6950,

5.6970

■ 0.0000, 0.0000,
0.0000

■ 147.0450, 14.4360,
35.7480

■ 147.0450, 14.4360,
35.7480

■ 135.2940, 18.4690,
45.2610

■ 158.7960, 10.4030,
26.2350

■ 123.2440, 21.9060,
54.5620

■ 170.8460, 6.9660,
16.9340

■ 110.9060, 26.2140,
64.5980

■ 183.1840, 2.6580,
6.8980

■ 99.1550, 30.2470,
74.1110

■ 195.2340, -0.7790,
-2.4030

■ 87.1050, 33.6840,
83.4120

■ 206.9850, -4.8120,
-11.9160

75.3540, 37.7170,
92.9250

218.7360, -8.8450,
-21.4290

72.1200, 38.4960,
95.3280

230.7860,
-12.2820, -30.7300

231.9710,
-11.3650, -30.8290

232.8680, -9.5770,
-30.1930

Harmonies

Analogous

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



143.1410, -30.1730, 23.7070



147.0450, 14.4360, 35.7480



144.9270, 46.9430, 35.8310

Triad

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



147.0450, 14.4360, 35.7480



139.5840, 47.3650, -15.8910



115.4030, -100.3580, -31.4460

Complementary

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



147.0450, 14.4360, 35.7480



164.9550, -14.4360, -35.7480

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.



110.0280, -86.6010, -43.9850



147.0450, 14.4360, 35.7480



136.1240, 18.9410, -29.4030

Square

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



147.0450, 14.4360, 35.7480



141.6160, 62.6750, 4.0110



129.2470, -21.1300, -35.5780



116.8170, -109.8510, -19.0910

Rectangle

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



147.0450, 14.4360, 35.7480



143.0560, 59.4610, 29.2290



129.2470, -21.1300, -35.5780



113.8070, -95.8640, -35.8000

Sweetspot

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



147.0450, 14.4360, 35.7480



232.3680, 5.3160, 13.7960



134.0780, -25.8620, 17.1620



115.0100, 3.2080, 7.9440



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



147.0450, 14.4360, 35.7480



179.4830, 22.7310, 56.1310



146.7720, 28.1460, 29.5700



90.8310, 2.1540, 5.0180



60.5130, 32.3550, 79.9630



12.4330, 6.6910, 16.4110

Inverse Universe

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



142.5540, 40.0230, 18.0630



172.3830, 62.8540, 28.3100



165.2280, -28.1460, -29.5700



90.1040, 5.6390, 2.4310



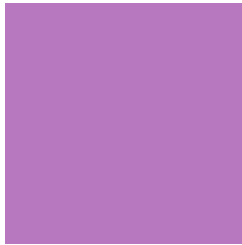
50.4190, 89.5360, 40.3520



10.3230, 18.3840, 8.2400

Previews

White Background



This preview shows how the YIQ color 147.0450, 14.4360, 35.7480 looks on a white background.

Color Contrast Check

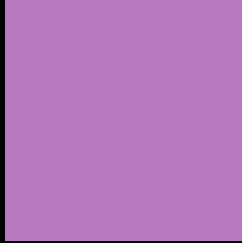
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.0450, 14.4360, 35.7480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

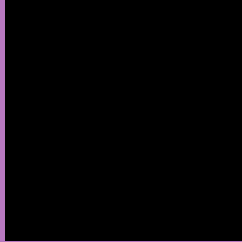
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 147.0450, 14.4360, 35.7480

Background



This preview shows how black text looks on a background with the YIQ color 147.0450, 14.4360, 35.7480.



This preview shows how white text looks on a background with the YIQ color 147.0450, 14.4360,

35.7480.

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

147.0450, 14.4360, 35.7480

Protanopia

142.6580, -33.4270, 16.5970

Deuteranopia

143.6670, -20.4510, 12.7090



Tritanopia

145.5950, 23.6100, 12.6500

Trichromacy



Original Color

147.0450, 14.4360, 35.7480

Protanomaly

144.1550, -15.5930, 23.7910

Deuteranomaly

144.7660, -7.2480, 21.2320

Tritanomaly

146.3100, 20.3990, 21.2870

Monochromacy



Original Color

147.0450, 14.4360, 35.7480

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

146.8410, 5.3620, 12.9620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.0450, 14.4360, 35.7480 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(183, 120, 192)` looks like.

```
.text, #text, p{  
    color:rgb(183, 120, 192)  
}
```

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(183, 120, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 120, 192) }
```

Border

The CSS property to change the border of an element to YIQ 147.0450, 14.4360, 35.7480 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(183, 120, 192) }
```


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

```
.border{ border-color:rgb(183, 120, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 120, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 120, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 120, 192);  
box-shadow:4px 4px 4px 4px rgb(183, 120,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 147.0450, 14.4360, 35.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 120, 192) }
```

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

```
.background{ background-color: rgb(183,  
120, 192) }
```

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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