

Converting Colors

YIQ(147.6390, 4.2560, 44.0320)

Have a look what the booklet for
YIQ(147.6390, 4.2560, 44.0320)
contains.

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Color

**YIQ(147.6390, 4.2560,
44.0320)**

Conversions

Conversions Part 1

Format	Color
Hex	B376DA
RGB	179, 118, 218
RGB Percent	70%, 46%, 85%
CMY	0.2978, 0.5373, 0.1452
CMYK	0.18, 0.46, 0.00, 0.15
HSL	277°, 57%, 66%
HSV	277°, 46%, 85%
XYZ	37.7309, 27.6020, 69.6582
YIQ	147.6390, 4.2560, 44.0320

Conversions

Conversions Part 2

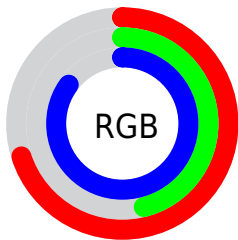
Format	Color
R _Y B	179, 118, 218
Decimal	11761370
CIE _{Lab}	59.53, 41.92, -42.11
CIE _{LCh}	60, 59.421, 314.870
Y _{xy}	27.6020, 0.2795, 0.2045
Android (android.graphics.Color)	4289951450 (0xFFB376DA)
YUV	147.6390, 34.6880, 27.5036
Hunter-Lab	52.5377, 36.2524, -41.8346

Details

The YIQ color $147.6390, 4.2560, 44.0320$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $188.3610, -4.2560, -44.0320$, and the grayscale version is $147.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $200.0110, 11.7760, 39.9040$, and $94.9870, 3.1560, 41.9400$ is the 20% darker color. If you saturate the color by 10%, you get $132.3330, 5.5380, 53.8420$, and if you desaturate by 10%, it is $163.2440, 3.5700, 34.4340$.

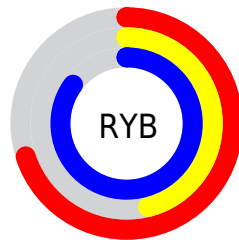
Distribution



Red (70%)

Green (46%)

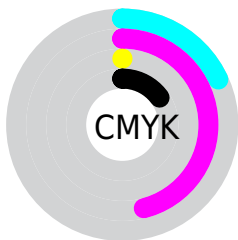
Blue (85%)



Red (70%)

Yellow (46%)

Blue (85%)

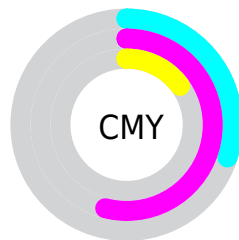


Cyan (18%)

Magenta (46%)

Yellow (0%)

Black (15%)



Cyan (30%)

Magenta (54%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.6390, 4.2560, 44.0320 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 147.6390, 4.2560, 44.0320 by changing the saturation by 10% instead.

147.6390, 4.2560,
44.0320

147.6390, 4.2560,
44.0320

255.0000, -0.0000,
-0.0000

120.8130, 3.7060,
42.9860

200.0110, 11.7760,
39.9040

94.9870, 3.1560,
41.9400

222.1280, 15.4000,
29.2880

70.0470, 2.9270,
40.5830

239.1510, 7.4250,
14.1210

43.7480, 2.3310,
40.3710

23.1450, -0.4650,
35.9750

14.5430, -5.0020,
24.5820

6.0930, -13.0230,

10.2490

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,
0.0000

■ 147.6390, 4.2560,
44.0320

■ 147.6390, 4.2560,
44.0320

■ 132.3330, 5.5380,
53.8420

■ 163.2440, 3.5700,
34.4340

■ 116.7280, 6.2240,
63.4400

■ 178.5500, 2.2880,
24.6240

■ 102.0090, 7.2310,
72.7270

■ 193.5680, 1.8770,
15.5490

■ 86.4040, 7.9170,
82.3250

■ 208.8740, 0.5950,
5.7390

71.0980, 9.1990,
92.1350

224.1800, -0.6870,
-4.0710

64.6190, 9.2900,
95.9940

239.7850, -1.3730,
-13.6690

245.6990, 1.7450,
-15.1110

248.3900, 7.1090,
-13.2030

250.7820, 11.8770,
-11.5070

Harmonies

Analogous

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



137.0200, -63.5050, 22.0550



147.6390, 4.2560, 44.0320



144.1100, 51.3420, 49.7260

Triad

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



147.6390, 4.2560, 44.0320



138.1810, 67.4930, -17.2350



117.8820, -100.4490, -35.3050

Complementary

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



147.6390, 4.2560, 44.0320



188.3610, -4.2560, -44.0320

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.



111.0250, -82.5190, -51.8870



147.6390, 4.2560, 44.0320



134.3090, 37.0530, -38.2670

Square

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



147.6390, 4.2560, 44.0320



139.9390, 81.0590, 12.2510



126.6310, -13.8840, -45.7560



122.0660, -114.9860, -19.6420

Rectangle

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



147.6390, 4.2560, 44.0320



141.0720, 71.7000, 44.2120



126.6310, -13.8840, -45.7560



115.8300, -94.6710, -40.9030

Sweetspot

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



147.6390, 4.2560, 44.0320



229.6820, 1.5560, 15.8600



152.8800, -43.1000, 10.1800



112.3950, 0.6860, 9.5980



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.



147.6390, 4.2560, 44.0320



156.3750, 5.7200, 61.5600



158.1600, 30.7100, 49.1900



102.0480, 0.0450, 4.6930



51.4160, 7.6430, 76.2750



13.6160, 1.9220, 20.2420

Inverse Universe

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



152.3460, 47.0810, 33.3290



163.0160, 66.1060, 46.4740



177.8400, -30.7100, -49.1900



102.7450, 5.2720, 3.5760



59.4790, 81.2800, 57.8240



15.8060, 21.6380, 15.3500

Previews

White Background



This preview shows how the YIQ color 147.6390, 4.2560, 44.0320 looks on a white background.

Color Contrast Check

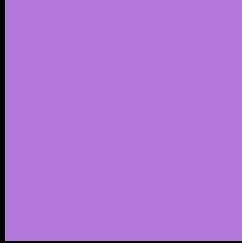
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.6390, 4.2560, 44.0320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

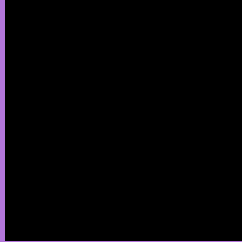
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 147.6390, 4.2560, 44.0320

Background



This preview shows how black text looks on a background with the YIQ color 147.6390, 4.2560, 44.0320.



This preview shows how white text looks on a background with the YIQ color 147.6390, 4.2560,

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

147.6390, 4.2560, 44.0320

Protanopia

140.4080, -52.9140, 22.8460

Deuteranopia

142.0100, -40.3500, 15.4100



Tritanopia

145.7080, 15.8620, 9.8940

Trichromacy



Original Color

147.6390, 4.2560, 44.0320



Protanomaly

142.9870, -32.3750, 30.5770



Deuteranomaly

144.1310, -24.2130, 25.8270



Tritanomaly

146.4600, 11.2290, 22.2770

Monochromacy



Original Color

147.6390, 4.2560, 44.0320



Achromatopsia

148.0000, -0.0000, 0.0000



Achromatomaly

147.6820, 1.5560, 15.8600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.6390, 4.2560, 44.0320 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(179, 118, 218)` looks like.

```
.text, #text, p{  
    color:rgb(179, 118, 218)  
}
```

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(179, 118, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 118, 218) }
```

Border

The CSS property to change the border of an element to YIQ 147.6390, 4.2560, 44.0320 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(179, 118, 218) }
```


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

```
.border{ border-color:rgb(179, 118, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 118, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 118, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 118, 218);  
box-shadow:4px 4px 4px 4px rgb(179, 118,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 147.6390, 4.2560, 44.0320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 118, 218) }
```

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

```
.background{ background-color: rgb(179,  
118, 218) }
```

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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