

Converting Colors

YIQ(149.7960, 10.4030, 26.2350)

Have a look what the booklet for
YIQ(149.7960, 10.4030, 26.2350)
contains.

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Color

**YIQ(149.7960, 10.4030,
26.2350)**

Conversions

Conversions Part 1

Format	Color
Hex	B082B7
RGB	176, 130, 183
RGB Percent	69%, 51%, 72%
CMY	0.3097, 0.4903, 0.2823
CMYK	0.04, 0.29, 0.00, 0.28
HSL	292°, 27%, 61%
HSV	292°, 29%, 72%
XYZ	34.4400, 28.6134, 48.5075
YIQ	149.7960, 10.4030, 26.2350

Conversions

Conversions Part 2

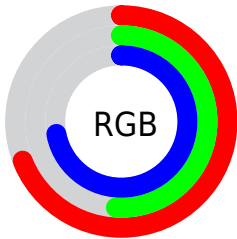
Format	Color
R_{YB}	176, 130, 183
Decimal	11567799
CIE _{Lab}	60.44, 26.98, -20.96
CIE _{LCh}	60, 34.166, 322.163
Yxy	28.6134, 0.3087, 0.2565
Android (android.graphics.Color)	4289757879 (0xFFB082B7)
YUV	149.7960, 16.3696, 22.9809
Hunter-Lab	53.4915, 21.3156, -16.3217

Details

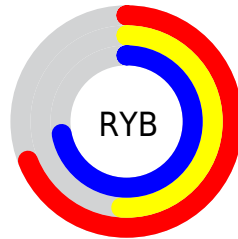
The YIQ color **149.7960, 10.4030, 26.2350** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **163.2040, -10.4030, -26.2350**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.0350, 11.2280, 27.8040**, and **98.5570, 9.5780, 24.6660** is the 20% darker color. If you saturate the color by 10%, you get **138.6320, 14.1610, 35.2250**, and if you desaturate by 10%, it is **160.9600, 6.6450, 17.2450**.

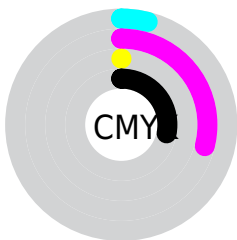
Distribution



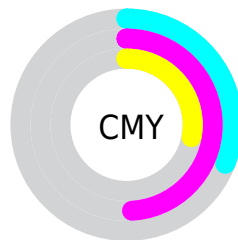
- Red (69%)
- Green (51%)
- Blue (72%)



- Red (69%)
- Yellow (51%)
- Blue (72%)



- Cyan (4%)
- Magenta (29%)
- Yellow (0%)
- Black (28%)





- Cyan (31%)
- Magenta (49%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.7960, 10.4030, 26.2350 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 149.7960, 10.4030, 26.2350 by changing the saturation by 10% instead.


 149.7960, 10.4030,
26.2350


 149.7960, 10.4030,
26.2350


255.0000, -0.0000,
-0.0000


 123.3830, 10.1280,
25.7120


 204.0350, 11.2280,
27.8040


 98.5570, 9.5780,
24.6660


 229.1720, 12.1000,
23.0120

 73.8450, 8.7070,
23.9310

 246.1950, 4.1250,
7.8450

 50.3180, 8.7530,
23.0970

 27.6060, 7.8820,
22.3620

 13.3730, 6.9200,
17.7680

 1.2540, -3.5310,

3.4210

0.0000, 0.0000,
0.0000

149.7960, 10.4030,
26.2350

149.7960, 10.4030,
26.2350

138.6320, 14.1610,
35.2250

160.9600, 6.6450,
17.2450

126.5820, 17.5980,
44.5260

173.0100, 3.2080,
7.9440

115.4180, 21.3560,
53.5160

184.1740, -0.5500,
-1.0460

103.9550, 24.5180,
62.2940

195.6370, -3.7120,
-9.8240

92.2040, 28.5510,
71.8070

206.8010, -7.4700,
-18.8140

81.0400, 32.3090,
80.7970

218.5520,
-11.5030, -28.3270

69.5770, 35.4710,
89.5750

228.2540,
-13.8400, -35.5360

68.4030, 36.0210,
90.6210

228.8520,
-12.6480, -35.1120

229.7490,
-10.8600, -34.4760

Harmonies

Analogous

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



146.9430, -21.0480, 18.0240



149.7960, 10.4030, 26.2350



149.3720, 35.0240, 26.0640

Triad

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



149.7960, 10.4030, 26.2350



144.2980, 36.7270, -10.3210



119.2150, -88.0250, -29.1850

Complementary

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



149.7960, 10.4030, 26.2350



163.2040, -10.4030, -26.2350

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.



130.4570, -47.7240, -27.1800



149.7960, 10.4030, 26.2350



141.5400, 15.1340, -20.9780

Square

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



149.7960, 10.4030, 26.2350



146.1890, 47.8200, 3.4040



137.3500, -13.7500, -26.1500



123.3050, -87.7980, -16.7740

Rectangle

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



149.7960, 10.4030, 26.2350



147.8860, 45.0200, 21.1160



137.3500, -13.7500, -26.1500



123.7560, -73.4910, -28.2670

Sweetspot

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



149.7960, 10.4030, 26.2350



223.7760, 3.9870, 10.3470



140.1510, -18.9380, 12.8220



111.7710, 2.3830, 6.3750



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



149.7960, 10.4030, 26.2350



184.9900, 16.2690, 41.0770



149.7230, 20.6740, 21.8100



86.4180, 1.8790, 4.4950



58.1490, 30.3840, 77.1360



10.3680, 5.3160, 13.7960

Inverse Universe

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



146.6450, 29.3410, 13.4130



180.0710, 45.9370, 21.0170



163.2770, -20.6740, -21.8100



85.8050, 5.0430, 2.2190



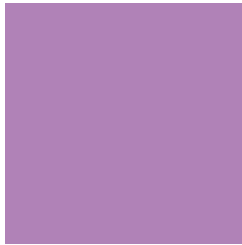
48.9240, 86.5560, 39.2920



8.8280, 15.4040, 7.1800

Previews

White Background



This preview shows how the YIQ color 149.7960, 10.4030, 26.2350 looks on a white background.

Color Contrast Check

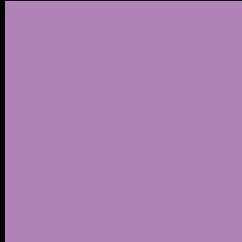
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.7960, 10.4030, 26.2350 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 149.7960, 10.4030, 26.2350

Background



This preview shows how black text looks on a background with the YIQ color 149.7960, 10.4030, 26.2350.



This preview shows how white text looks on a background with the YIQ color 149.7960, 10.4030,

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

149.7960, 10.4030, 26.2350

Protanopia

145.9980, -22.8810, 12.6950

Deuteranopia

147.3320, -12.1980, 11.8180



Tritanopia

148.3060, 17.0540, 10.3180

Trichromacy



Original Color

149.7960, 10.4030, 26.2350

Protanomaly

147.3910, -10.6860, 17.4580

Deuteranomaly

148.0990, -3.9920, 17.2880

Tritanomaly

148.6250, 14.8980, 16.3540

Monochromacy



Original Color

149.7960, 10.4030, 26.2350

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.9500, 3.4370, 9.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.7960, 10.4030, 26.2350 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(176, 130, 183)` looks like.

```
.text, #text, p{  
    color:rgb(176, 130, 183)  
}
```

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(176, 130, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 130, 183) }
```

Border

The CSS property to change the border of an element to YIQ 149.7960, 10.4030, 26.2350 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(176, 130, 183) }
```


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

```
.border{ border-color:rgb(176, 130, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 130, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 130, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 130, 183); box-shadow:4px 4px 4px 4px rgb(176, 130, 183) }
```

Background

The CSS property to change the background color of an element to YIQ 149.7960, 10.4030, 26.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 130, 183) }
```

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

```
.background{ background-color: rgb(176,  
130, 183) }
```

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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