

Converting Colors

YIQ(182.5990, 9.7600, 32.3840)

Have a look what the booklet for
YIQ(182.5990, 9.7600, 32.3840)
contains.

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Color

**YIQ(182.5990, 9.7600,
32.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	D49FE3
RGB	212, 159, 227
RGB Percent	83%, 62%, 89%
CMY	0.1685, 0.3765, 0.1098
CMYK	0.07, 0.30, 0.00, 0.11
HSL	287°, 55%, 76%
HSV	287°, 30%, 89%
XYZ	53.4227, 44.3380, 78.4129
YIQ	182.5990, 9.7600, 32.3840

Conversions

Conversions Part 2

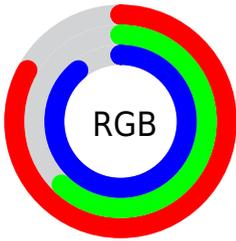
Format	Color
R_{YB}	212, 159, 227
Decimal	13934563
CIE _{Lab}	72.45, 31.37, -26.76
CIE _{LCh}	72, 41.234, 319.530
Yxy	44.3380, 0.3032, 0.2517
Android (android.graphics.Color)	4292124643 (0xFFD49FE3)
YUV	182.5990, 21.8897, 25.7847
Hunter-Lab	66.5868, 26.6842, -23.2094

Details

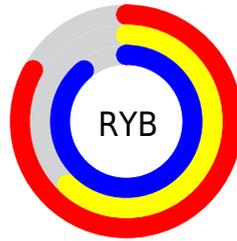
The YIQ color $182.5990, 9.7600, 32.3840$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $203.4010, -9.7600, -32.3840$, and the grayscale version is $182.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $230.9330, 11.2750, 21.4430$, and $129.2460, 9.2560, 30.5040$ is the 20% darker color. If you saturate the color by 10%, you get $167.6030, 13.1050, 43.3530$, and if you desaturate by 10%, it is $197.5950, 6.4150, 21.4150$.

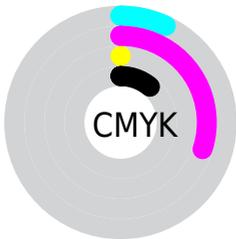
Distribution



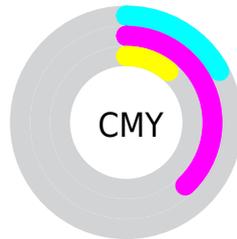
- Red (83%)
- Green (62%)
- Blue (89%)



- Red (83%)
- Yellow (62%)
- Blue (89%)



- Cyan (7%)
- Magenta (30%)
- Yellow (0%)
- Black (11%)



- Cyan (17%)
- Magenta (38%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 182.5990, 9.7600, 32.3840 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 182.5990, 9.7600, 32.3840 by changing the saturation by 10% instead.

 182.5990, 9.7600,
32.3840

 182.5990, 9.7600,
32.3840

255.0000, -0.0000,
-0.0000

 155.1860, 9.4850,
31.8610

 230.9330, 11.2750,
21.4430

 129.2460, 9.2560,
30.5040

 247.9560, 3.3000,
6.2760

 103.5340, 8.3850,
29.7690

 78.7080, 7.8350,
28.7230

 54.8820, 7.2850,
27.6770

 30.8820, 7.2850,
27.6770

 15.5240, 5.1770,

21.8250

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 182.5990, 9.7600,
32.3840

■ 182.5990, 9.7600,
32.3840

■ 167.6030, 13.1050,
43.3530

■ 197.5950, 6.4150,
21.4150

■ 153.1940, 16.1750,
53.7990

■ 212.0040, 3.3450,
10.9690

■ 138.1980, 19.5200,
64.7680

■ 227.0000, -0.0000,
-0.0000

■ 123.2020, 22.8650,
75.7370

■ 241.9960, -3.3450,
-10.9690

108.2060, 26.2100,
86.7060

246.4260, -1.7400,
-12.5240

93.7970, 29.2800,
97.1520

247.9210, 1.2400,
-11.4640

78.8010, 32.6250,
108.1210

249.4160, 4.2200,
-10.4040

250.9110, 7.2000,
-9.3440

251.8080, 8.9880,
-8.7080

Harmonies

Analogous

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



178.3750, -30.9520, 21.3040



182.5990, 9.7600, 32.3840



181.8230, 41.3040, 33.4000

Triad

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



182.5990, 9.7600, 32.3840



176.1050, 47.4560, -12.0320



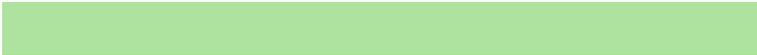
139.2540, -119.2920, -40.7320

Complementary

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



182.5990, 9.7600, 32.3840



203.4010, -9.7600, -32.3840

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.



159.0380, -57.0300, -34.7420



182.5990, 9.7600, 32.3840



172.3140, 21.4620, -25.5300

Square

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



182.5990, 9.7600, 32.3840



178.4140, 60.4280, 6.1880



167.2480, -13.7030, -32.5110



140.5540, -128.4640, -28.6880

Rectangle

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



182.5990, 9.7600, 32.3840



180.6640, 54.6930, 27.5330



167.2480, -13.7030, -32.5110



148.5360, -93.6630, -37.1430

Sweetspot

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



182.5990, 9.7600, 32.3840



240.0040, 3.3450, 10.9690



176.1440, -26.2280, 12.7800



117.9990, 1.7410, 6.9970



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.



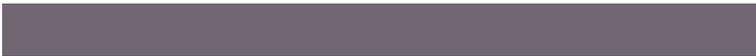
182.5990, 9.7600, 32.3840



195.0160, 13.3800, 43.8760



185.0320, 24.4780, 29.9660



107.0590, 1.5120, 5.6400



61.9670, 25.3850, 85.1370



17.7740, 7.4690, 24.3410

Inverse Universe

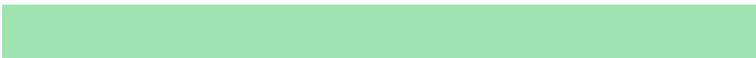
The Inverse Universe completely reimagines the original color for something new.



181.0420, 35.7130, 19.0810



192.7880, 48.4120, 25.7240



200.9680, -24.4780, -29.9660



106.9300, 6.1890, 3.4770



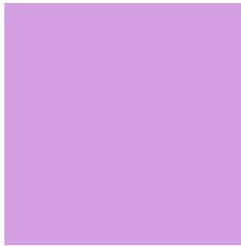
57.9670, 94.1650, 50.0770



16.5030, 26.8650, 14.2330

Previews

White Background



This preview shows how the YIQ color 182.5990, 9.7600, 32.3840 looks on a white background.

Color Contrast Check

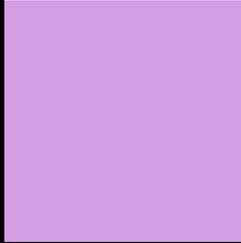
Large Text (above 18pt) WCAG AA × Fail

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 182.5990, 9.7600, 32.3840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

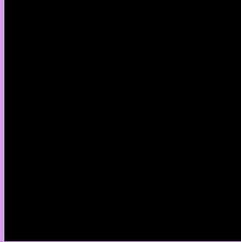
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 182.5990, 9.7600, 32.3840

Background



This preview shows how black text looks on a background with the YIQ color 182.5990, 9.7600, 32.3840.



This preview shows how white text looks on a background with the YIQ color 182.5990, 9.7600,

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

182.5990, 9.7600, 32.3840

Protanopia

178.3980, -29.7590, 16.2010

Deuteranopia

179.3900, -18.1130, 14.3910



Tritanopia

180.5450, 17.8790, 11.8870

Trichromacy



Original Color

182.5990, 9.7600, 32.3840



Protanomaly

180.1010, -15.5010, 22.1230



Deuteranomaly

180.4670, -7.8440, 21.0200



Tritanomaly

181.6190, 15.0350, 19.3790

Monochromacy



Original Color

182.5990, 9.7600, 32.3840



Achromatopsia

183.0000, -0.0000, -0.0000



Achromatomaly

182.8300, 3.8950, 12.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.5990, 9.7600, 32.3840 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(212, 159, 227)` looks like.

```
.text, #text, p{  
    color:rgb(212, 159, 227)  
}
```

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(212, 159, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 159, 227) }
```

Border

The CSS property to change the border of an element to YIQ 182.5990, 9.7600, 32.3840 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(212, 159, 227) }
```

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

```
.border{ border-color:rgb(212, 159, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 159, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 159, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 159, 227);  
box-shadow:4px 4px 4px 4px rgb(212, 159,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 182.5990, 9.7600, 32.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 159, 227) }
```

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

```
.background{ background-color: rgb(212,  
159, 227) }
```

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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