

Converting Colors

YIQ(180.9640, 9.9900, 28.2140)

Have a look what the booklet for
YIQ(180.9640, 9.9900, 28.2140)
contains.

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Color

**YIQ(180.9640, 9.9900,
28.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	D0A0DA
RGB	208, 160, 218
RGB Percent	82%, 63%, 85%
CMY	0.1842, 0.3726, 0.1451
CMYK	0.05, 0.27, 0.00, 0.15
HSL	290°, 44%, 74%
HSV	290°, 27%, 85%
XYZ	51.2453, 43.6120, 72.0458
YIQ	180.9640, 9.9900, 28.2140

Conversions

Conversions Part 2

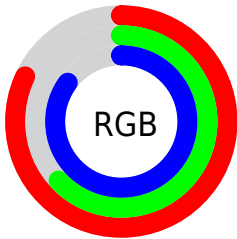
Format	Color
R _{YB}	208, 160, 218
Decimal	13672666
CIE _{Lab}	71.97, 27.78, -22.61
CIE _{LCh}	72, 35.815, 320.855
Y _{xy}	43.6120, 0.3070, 0.2613
Android (android.graphics.Color)	4291862746 (0xFFD0A0DA)
YUV	180.9640, 18.2587, 23.7106
Hunter-Lab	66.0394, 22.9435, -18.4550

Details

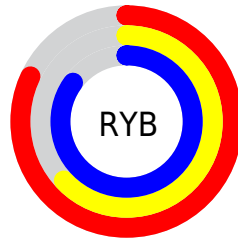
The YIQ color $180.9640, 9.9900, 28.2140$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $197.0360, -9.9900, -28.2140$, and the grayscale version is $181.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $231.5200, 11.0000, 20.9200$, and $127.7250, 9.1650, 26.6450$ is the 20% darker color. If you saturate the color by 10%, you get $166.8540, 13.6560, 38.8720$, and if you desaturate by 10%, it is $195.0740, 6.3240, 17.5560$.

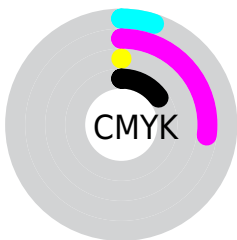
Distribution



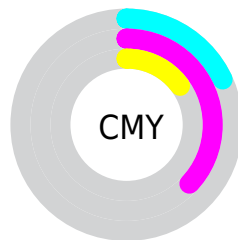
- Red (82%)
- Green (63%)
- Blue (85%)



- Red (82%)
- Yellow (63%)
- Blue (85%)



- Cyan (5%)
- Magenta (27%)
- Yellow (0%)
- Black (15%)



- Cyan (18%)
- Magenta (37%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.9640, 9.9900, 28.2140 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 180.9640, 9.9900, 28.2140 by changing the saturation by 10% instead.

180.9640, 9.9900,
28.2140

180.9640, 9.9900,
28.2140

255.0000, -0.0000,
-0.0000

154.1380, 9.4400,
27.1680

231.5200, 11.0000,
20.9200

127.7250, 9.1650,
26.6450

248.5430, 3.0250,
5.7530

102.3120, 8.8900,
26.1220

77.4860, 8.3400,
25.0760

53.6600, 7.7900,
24.0300

30.9480, 6.9190,
23.2950

14.5410, 6.5070,

19.7470

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,
0.0000

■ 180.9640, 9.9900,
28.2140

■ 180.9640, 9.9900,
28.2140

■ 166.8540, 13.6560,
38.8720

■ 195.0740, 6.3240,
17.5560

■ 153.0430, 17.9180,
49.7420

■ 209.1840, 2.6580,
6.8980

■ 139.5200, 21.3090,
59.8770

■ 222.4080, -1.3290,
-3.4490

■ 125.4100, 24.9750,
70.5350

■ 236.5180, -4.9950,
-14.1070

■ 111.3000, 28.6410,
81.1930

■ 242.4100, -4.8110,
-17.4430

■ 97.4890, 32.9030,
92.0630

■ 243.3070, -3.0230,
-16.8070

■ 83.3790, 36.5690,
102.7210

■ 244.5030, -0.6390,
-15.9590

■ 78.9710, 37.8980,
106.1700

■ 245.6990, 1.7450,
-15.1110

■ 246.8950, 4.1290,
-14.2630

Harmonies

Analogous

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



177.6160, -24.4410, 18.9430



180.9640, 9.9900, 28.2140



180.6220, 37.3160, 28.5800

Triad

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



180.9640, 9.9900, 28.2140



175.3370, 40.9910, -10.5050



154.8030, -80.8730, -26.6410

Complementary

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



180.9640, 9.9900, 28.2140



197.0360, -9.9900, -28.2140

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.



161.1040, -48.2280, -29.0600



180.9640, 9.9900, 28.2140



172.1550, 17.6560, -22.6320

Square

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



180.9640, 9.9900, 28.2140



177.4670, 52.9090, 4.7890



167.4810, -12.7410, -27.9170



157.0280, -85.4600, -15.0920

Rectangle

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



180.9640, 9.9900, 28.2140



179.6200, 48.8250, 23.7450



167.4810, -12.7410, -27.9170



156.5390, -71.3820, -27.9420

Sweetspot

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



180.9640, 9.9900, 28.2140



242.0640, 3.1160, 9.6120



173.0690, -21.6430, 12.2850



119.4720, 1.7870, 6.1630



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.



180.9640, 9.9900, 28.2140



202.6800, 14.2060, 39.9180



181.9020, 21.7280, 24.7360



102.9450, 1.8330, 5.3290



62.7780, 30.2910, 84.3310



16.6060, 7.8820, 22.3620

Inverse Universe

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



178.4820, 31.3580, 15.4060



199.1140, 44.3780, 21.7380



196.0980, -21.7280, -24.7360



102.5170, 5.9140, 2.9540



55.1470, 93.4780, 46.0060



14.6660, 24.8480, 12.2400

Previews

White Background



This preview shows how the YIQ color 180.9640, 9.9900, 28.2140 looks on a white background.

Color Contrast Check

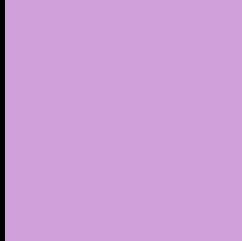
Large Text (above 18pt) WCAG AA × Fail

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 180.9640, 9.9900, 28.2140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

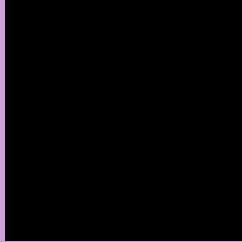
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.9640, 9.9900, 28.2140

Background



This preview shows how black text looks on a background with the YIQ color 180.9640, 9.9900, 28.2140.



This preview shows how white text looks on a background with the YIQ color 180.9640, 9.9900,

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

180.9640, 9.9900, 28.2140

Protanopia

177.4540, -24.1650, 13.9390

Deuteranopia

178.2010, -13.2070, 13.5850



Tritanopia

179.2460, 17.2830, 11.6750

Trichromacy



Original Color

180.9640, 9.9900, 28.2140

Protanomaly

178.8470, -11.9700, 18.7020

Deuteranomaly

178.9680, -5.0010, 19.0550

Tritanomaly

179.6790, 14.8060, 18.0220

Monochromacy



Original Color

180.9640, 9.9900, 28.2140

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

180.7760, 3.9870, 10.3470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.9640, 9.9900, 28.2140 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(208, 160, 218)` looks like.

```
.text, #text, p{  
    color:rgb(208, 160, 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(208, 160, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 160, 218) }
```

Border

The CSS property to change the border of an element to YIQ 180.9640, 9.9900, 28.2140 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(208, 160, 218) }
```


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

```
.border{ border-color:rgb(208, 160, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 160, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 160, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 160, 218);  
box-shadow:4px 4px 4px 4px rgb(208, 160,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 180.9640, 9.9900, 28.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 160, 218) }
```

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

```
.background{ background-color: rgb(208,  
160, 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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