

Converting Colors

YIQ(155.9640, 9.9900, 28.2140)

Have a look what the booklet for
YIQ(155.9640, 9.9900, 28.2140)
contains.

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Color

**YIQ(155.9640, 9.9900,
28.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	B787C1
RGB	183, 135, 193
RGB Percent	72%, 53%, 76%
CMY	0.2822, 0.4707, 0.2431
CMYK	0.05, 0.30, 0.00, 0.24
HSL	290°, 32%, 64%
HSV	290°, 30%, 76%
XYZ	37.8242, 31.2445, 54.4885
YIQ	155.9640, 9.9900, 28.2140

Conversions

Conversions Part 2

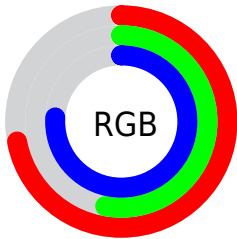
Format	Color
R_{YB}	183, 135, 193
Decimal	12027841
CIE _{Lab}	62.71, 28.49, -23.07
CIE _{LCh}	63, 36.662, 320.999
Yxy	31.2445, 0.3061, 0.2529
Android (android.graphics.Color)	4290217921 (0xFFB787C1)
YUV	155.9640, 18.2587, 23.7106
Hunter-Lab	55.8968, 22.9679, -18.6685

Details

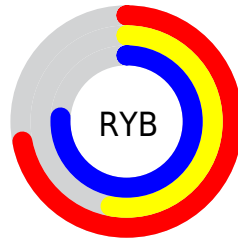
The YIQ color **155.9640, 9.9900, 28.2140** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **172.0360, -9.9900, -28.2140**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.2030, 10.8150, 29.7830**, and **103.7250, 9.1650, 26.6450** is the 20% darker color. If you saturate the color by 10%, you get **143.9140, 13.4270, 37.5150**, and if you desaturate by 10%, it is **168.0140, 6.5530, 18.9130**.

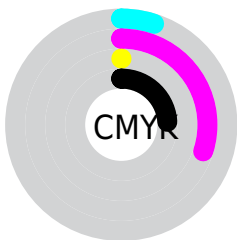
Distribution



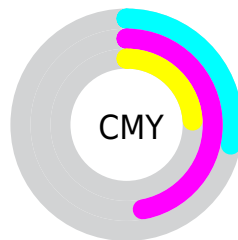
- Red (72%)
- Green (53%)
- Blue (76%)



- Red (72%)
- Yellow (53%)
- Blue (76%)



- Cyan (5%)
- Magenta (30%)
- Yellow (0%)
- Black (24%)




- Cyan (28%)
- Magenta (47%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 155.9640, 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 155.9640, 9.9900, 28.2140 by changing the saturation by 10% instead.

 155.9640, 9.9900,
28.2140


 155.9640, 9.9900,
28.2140


255.0000, -0.0000,
-0.0000


 129.5510, 9.7150,
27.6910


 211.2030, 10.8150,
29.7830


 103.7250, 9.1650,
26.6450


 232.6940, 10.4500,
19.8740

 79.6000, 8.0190,
25.3870

 249.1300, 2.7500,
5.2300

 55.4860, 8.3400,
25.0760

 32.6600, 7.7900,
24.0300

 15.0680, 6.4610,
20.5810

 3.0950, -7.3370,

6.3190

■ 0.0000, 0.0000,
0.0000

■ 155.9640, 9.9900,
28.2140

■ 155.9640, 9.9900,
28.2140

■ 143.9140, 13.4270,
37.5150

■ 168.0140, 6.5530,
18.9130

■ 130.9780, 16.5430,
47.1270

■ 180.9500, 3.4370,
9.3010

■ 118.9280, 19.9800,
56.4280

■ 193.0000, -0.0000,
-0.0000

■ 106.8780, 23.4170,
65.7290

■ 205.0500, -3.4370,
-9.3010

■ 93.9420, 26.5330,
75.3410

■ 217.3990, -6.2780,
-18.3900

■ 81.8920, 29.9700,
84.6420

■ 230.0360, -9.9900,
-28.2140

■ 69.8420, 33.4070,
93.9430

■ 233.2810, -9.3020,
-29.6700

■ 234.4770, -6.9180,
-28.8220

■ 235.3740, -5.1300,
-28.1860

Harmonies

Analogous

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



152.6160, -24.4410, 18.9430



155.9640, 9.9900, 28.2140



155.3230, 36.7200, 28.3680

Triad

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



155.9640, 9.9900, 28.2140



149.7390, 39.7990, -10.9290



119.0390, -102.3290, -34.2730

Complementary

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



155.9640, 9.9900, 28.2140



172.0360, -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.



134.6090, -51.2080, -30.1200



155.9640, 9.9900, 28.2140



147.2690, 17.3350, -22.3210

Square

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



155.9640, 9.9900, 28.2140



152.1680, 52.3130, 4.5770



142.2960, -13.6580, -27.8180



119.7690, -109.8960, -23.7840

Rectangle

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



155.9640, 9.9900, 28.2140



154.3210, 48.2290, 23.5330



142.2960, -13.6580, -27.8180



125.2600, -83.8980, -32.3940

Sweetspot

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



155.9640, 9.9900, 28.2140



235.3030, 3.9410, 11.1810



148.0690, -21.6430, 12.2850



116.1840, 2.6580, 6.8980



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.



155.9640, 9.9900, 28.2140



192.3860, 15.2140, 43.6780



156.9020, 21.7280, 24.7360



90.5320, 1.5580, 4.8060



58.1210, 27.5870, 78.2670



11.8350, 5.4990, 15.9870

Inverse Universe

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



153.4820, 31.3580, 15.4060



188.6200, 48.8250, 23.7450



171.0980, -21.7280, -24.7360



90.2180, 5.3180, 2.7420



51.3310, 86.9680, 42.8400



10.5510, 17.7420, 8.8620

Previews

White Background



This preview shows how the YIQ color 155.9640, 9.9900, 28.2140 looks on a white background.

Color Contrast Check

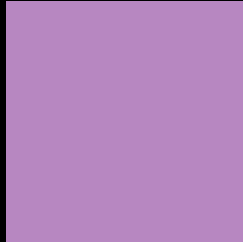
Large Text (above 18pt) WCAG AA × Fail

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 155.9640, 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 155.9640, 9.9900, 28.2140

Background



This preview shows how black text looks on a background with the YIQ color 155.9640, 9.9900, 28.2140.



This preview shows how white text looks on a background with the YIQ color 155.9640, 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

155.9640, 9.9900, 28.2140

Protanopia

152.2690, -25.0820, 14.0380

Deuteranopia

153.0760, -14.3530, 12.3270



Tritanopia

154.4200, 16.7330, 10.6290

Trichromacy



Original Color

155.9640, 9.9900, 28.2140

Protanomaly

153.9610, -12.2910, 19.0130

Deuteranomaly

154.1420, -5.5510, 18.0090

Tritanomaly

154.8530, 14.2560, 16.9760

Monochromacy



Original Color

155.9640, 9.9900, 28.2140

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.7760, 3.9870, 10.3470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.9640, 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(183, 135, 193)` looks like.

```
.text, #text, p{  
    color:rgb(183, 135, 193)  
}
```

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, 135, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 135, 193) }
```

Border

The CSS property to change the border of an element to YIQ 155.9640, 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(183, 135, 193) }
```


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

```
.border{ border-color:rgb(183, 135, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 135, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 135, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 135, 193);  
box-shadow:4px 4px 4px 4px rgb(183, 135,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 155.9640, 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(183, 135, 193) }
```

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

```
.background{ background-color: rgb(183,  
135, 193) }
```

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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