

Converting Colors

YIQ(194.6400, 19.7100, 28.2700)

Have a look what the booklet for
YIQ(194.6400, 19.7100, 28.2700)
contains.

YIQ(194.6400, 19.7100, 28.2700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(194.6400, 19.7100,
28.2700)**

Conversions

Conversions Part 1

Format	Color
Hex	E7ABDD
RGB	231, 171, 221
RGB Percent	91%, 67%, 87%
CMY	0.0939, 0.3295, 0.1333
CMYK	0.00, 0.26, 0.04, 0.09
HSL	310°, 56%, 79%
HSV	310°, 26%, 91%
XYZ	60.5800, 51.3336, 75.1291
YIQ	194.6400, 19.7100, 28.2700

Conversions

Conversions Part 2

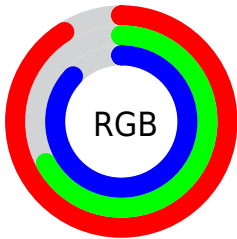
Format	Color
R_{YB}	231, 171, 221
Decimal	15182813
CIE _{Lab}	76.88, 29.95, -16.59
CIE _{LCh}	77, 34.237, 331.012
Yxy	51.3336, 0.3239, 0.2744
Android (android.graphics.Color)	4293372893 (0xFFE7ABDD)
YUV	194.6400, 12.9955, 31.8877
Hunter-Lab	71.6475, 25.5436, -12.0179

Details

The YIQ color $194.6400, 19.7100, 28.2700$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $207.3600, -19.7100, -28.2700$, and the grayscale version is $194.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $238.5640, 7.7000, 14.6440$, and $140.5150, 18.5640, 27.0120$ is the 20% darker color. If you saturate the color by 10%, you get $180.6830, 27.3190, 39.0550$, and if you desaturate by 10%, it is $208.5970, 12.1010, 17.4850$.

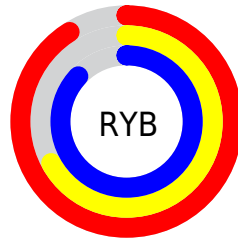
Distribution



Red (91%)

Green (67%)

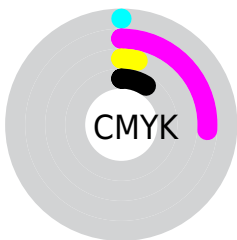
Blue (87%)



Red (91%)

Yellow (67%)

Blue (87%)

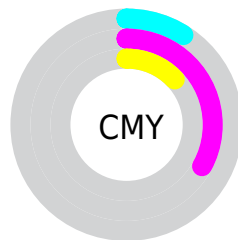


Cyan (0%)

Magenta (26%)

Yellow (4%)

Black (9%)



Cyan (9%)

Magenta (33%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.6400, 19.7100, 28.2700 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 194.6400, 19.7100, 28.2700 by changing the saturation by 10% instead.

■ 194.6400, 19.7100,
28.2700

■ 194.6400, 19.7100,
28.2700

255.0000, -0.0000,
-0.0000

■ 167.2270, 19.4350,
27.7470

■ 238.5640, 7.7000,
14.6440

■ 140.5150, 18.5640,
27.0120

■ 114.6890, 18.0140,
25.9660

■ 89.0910, 16.8220,
25.5420

■ 65.2650, 16.2720,
24.4960

■ 41.0800, 15.3550,
24.5950

■ 18.9550, 14.2090,

23.3370

■ 9.7980, 6.9210,
12.2410

■ 0.0000, 0.0000,
0.0000

■ 194.6400, 19.7100,
28.2700

■ 194.6400, 19.7100,
28.2700

■ 180.6830, 27.3190,
39.0550

■ 208.5970, 12.1010,
17.4850

■ 166.7260, 34.9280,
49.8400

■ 222.5540, 4.4920,
6.7000

■ 152.7690, 42.5370,
60.6250

■ 236.5110, -3.1170,
-4.0850

■ 138.9260, 49.8250,
71.7210

■ 245.6580, -8.2050,
-10.9970

124.3820, 57.7090,
83.0290

246.1140, -9.4890,
-9.7530

110.4250, 65.3180,
93.8140

246.5700,
-10.7730, -8.5090

96.4680, 72.9270,
104.5990

247.0260,
-12.0570, -7.2650

90.9570, 76.0440,
108.6840

247.4820,
-13.3410, -6.0210

247.8240,
-14.3040, -5.0880

Harmonies

Analogous

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



192.3680, -11.8790, 22.5610



194.6400, 19.7100, 28.2700



193.8520, 42.3600, 25.2720

Triad

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



194.6400, 19.7100, 28.2700



187.8090, 33.6100, -14.4060



171.2320, -77.5270, -21.1990

Complementary

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



194.6400, 19.7100, 28.2700



207.3600, -19.7100, -28.2700

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.



174.2650, -55.9310, -27.1230



194.6400, 19.7100, 28.2700



184.5390, 7.7070, -24.0450

Square

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



194.6400, 19.7100, 28.2700



190.1520, 49.2420, -0.3420



179.6200, -23.3780, -27.8740



176.8990, -71.6150, -7.1910

Rectangle

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



194.6400, 19.7100, 28.2700



192.9420, 50.6140, 18.8540



179.6200, -23.3780, -27.8740



171.5760, -72.8040, -24.1960

Sweetspot

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



194.6400, 19.7100, 28.2700



242.9180, 6.4630, 9.5270



180.8300, -13.3000, 20.7800



120.0270, 4.5380, 5.8660



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.



194.6400, 19.7100, 28.2700



207.1450, 25.8980, 37.2740



191.2200, 29.3400, 18.9400



107.7280, 3.9420, 5.6540



70.5070, 58.8550, 84.2870



20.0370, 16.9140, 23.8740

Inverse Universe

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



194.6400, 19.7100, 28.2700



207.1450, 25.8980, 37.2740



210.7800, -29.3400, -18.9400



107.7280, 3.9420, 5.6540



70.5070, 58.8550, 84.2870



20.0370, 16.9140, 23.8740

Previews

White Background



This preview shows how the YIQ color 194.6400, 19.7100, 28.2700 looks on a white background.

Color Contrast Check

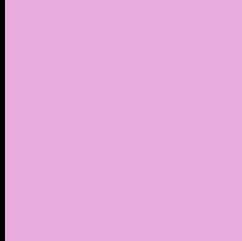
Large Text (above 18pt) WCAG AA × Fail

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 194.6400, 19.7100, 28.2700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

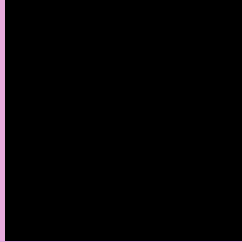
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.6400, 19.7100, 28.2700

Background



This preview shows how black text looks on a background with the YIQ color 194.6400, 19.7100, 28.2700.



This preview shows how white text looks on a background with the YIQ color 194.6400, 19.7100,

28.2700.

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

194.6400, 19.7100, 28.2700

Protanopia

190.7380, -19.2130, 12.2990

Deuteranopia

191.7520, -4.6330, 12.3830



Tritanopia

193.4320, 25.6270, 14.6430

Trichromacy



Original Color

194.6400, 19.7100, 28.2700



Protanomaly

192.4410, -4.9550, 18.2210



Deuteranomaly

192.8180, 4.1690, 18.0650



Tritanomaly

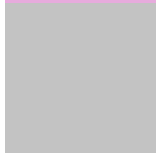
193.8110, 23.2420, 19.3220

Monochromacy



Original Color

194.6400, 19.7100, 28.2700



Achromatopsia

195.0000, -0.0000, 0.0000



Achromatomaly

194.6300, 7.3340, 10.2620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.6400, 19.7100, 28.2700 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(231, 171, 221)` looks like.

```
.text, #text, p{  
    color:rgb(231, 171, 221)  
}
```

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(231, 171, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 171, 221) }
```

Border

The CSS property to change the border of an element to YIQ 194.6400, 19.7100, 28.2700 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(231, 171, 221) }
```


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

```
.border{ border-color:rgb(231, 171, 221) }
```

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

Here you see how a box with a 4 pixel rgb(231, 171, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 171, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 171, 221);  
box-shadow:4px 4px 4px 4px rgb(231, 171,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 194.6400, 19.7100, 28.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 171, 221) }
```

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

```
.background{ background-color: rgb(231,  
171, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor