

Converting Colors

YIQ(157.4280, 32.5910, 42.6310)

Have a look what the booklet for
YIQ(157.4280, 32.5910, 42.6310)
contains.

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Color

**YIQ(157.4280, 32.5910,
42.6310)**

Conversions

Conversions Part 1

Format	Color
Hex	D779C2
RGB	215, 121, 194
RGB Percent	84%, 47%, 76%
CMY	0.1566, 0.5256, 0.2391
CMYK	0.00, 0.44, 0.10, 0.16
HSL	313°, 54%, 66%
HSV	313°, 44%, 84%
XYZ	44.6168, 32.0185, 54.8785
YIQ	157.4280, 32.5910, 42.6310

Conversions

Conversions Part 2

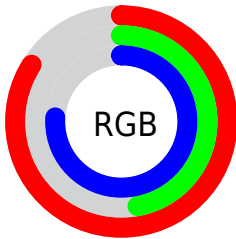
Format	Color
R _Y B	215, 121, 194
Decimal	14121410
CIE Lab	63.36, 46.53, -22.34
CIE LCh	63, 51.612, 334.353
Yxy	32.0185, 0.3393, 0.2435
Android (android.graphics.Color)	4292311490 (0xFFD779C2)
YUV	157.4280, 18.0300, 50.4906
Hunter-Lab	56.5849, 41.7223, -17.8926

Details

The YIQ color **157.4280, 32.5910, 42.6310** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **178.5720, -32.5910, -42.6310**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **208.1710, 23.0090, 40.0730**, and **103.7050, 30.2530, 40.9490** is the 20% darker color. If you saturate the color by 10%, you get **143.9440, 40.2460, 52.5820**, and if you desaturate by 10%, it is **170.3250, 25.2110, 33.2030**.

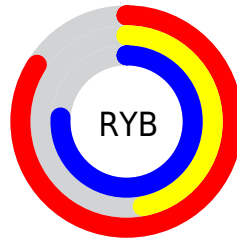
Distribution



Red (84%)

Green (47%)

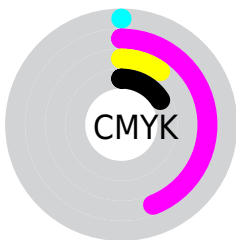
Blue (76%)



Red (84%)

Yellow (47%)

Blue (76%)

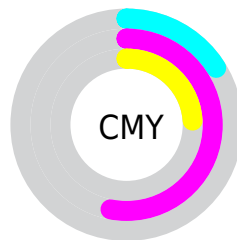


Cyan (0%)

Magenta (44%)

Yellow (10%)

Black (16%)



Cyan (16%)

Magenta (53%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.4280, 32.5910, 42.6310 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 157.4280, 32.5910, 42.6310 by changing the saturation by 10% instead.

157.4280, 32.5910,
42.6310

157.4280, 32.5910,
42.6310

255.0000, -0.0000,
-0.0000

130.4170, 31.1240,
41.6840

207.5840, 23.2840,
40.5960

103.1180, 30.5280,
41.4720

225.0630, 14.0250,
26.6730

76.9330, 29.6110,
41.5710

241.4990, 6.3250,
12.0290

47.2260, 30.3440,
44.8080

30.8460, 25.3020,
37.0620

21.1620, 18.0600,
25.1320

10.2820, 8.4340,

12.3540

■ 0.0000, 0.0000,
0.0000

■ 157.4280, 32.5910,
42.6310

■ 157.4280, 32.5910,
42.6310

■ 143.9440, 40.2460,
52.5820

■ 170.3250, 25.2110,
33.2030

■ 131.0470, 47.6260,
62.0100

■ 183.8090, 17.5560,
23.2520

■ 117.6770, 54.9600,
72.2720

■ 196.5920, 10.4970,
13.5130

■ 104.7800, 62.3400,
81.7000

■ 210.0760, 2.8420,
3.5620

■ 91.2960, 69.9950,
91.6510

■ 223.5600, -4.8130,
-6.3890

■ 83.3230, 74.5330,
97.5170

■ 236.4570,
-12.1930, -15.8170

■ 239.9620,
-15.1730, -16.8770

■ 240.5320,
-16.7780, -15.3220

■ 240.9880,
-18.0620, -14.0780

Harmonies

Analogous

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



157.1480, -13.7150, 33.8130



157.4280, 32.5910, 42.6310



154.0660, 62.6690, 37.1730

Triad

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



157.4280, 32.5910, 42.6310



148.0360, 42.7360, -25.6160



125.9810, -113.6090, -28.0810

Complementary

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



157.4280, 32.5910, 42.6310



178.5720, -32.5910, -42.6310

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.



121.4380, -99.4390, -42.5990



157.4280, 32.5910, 42.6310



143.2530, 5.0960, -37.3040

Square

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



157.4280, 32.5910, 42.6310



151.4880, 65.6110, -5.1490



131.6610, -48.9590, -43.3510



126.1070, -122.2310, -14.9910

Rectangle

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



157.4280, 32.5910, 42.6310



152.7060, 72.0700, 26.4860



131.6610, -48.9590, -43.3510



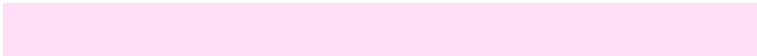
124.9720, -109.3900, -32.9580

Sweetspot

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



157.4280, 32.5910, 42.6310



234.8310, 11.3220, 15.0820



137.6960, -18.2540, 33.4740



115.1030, 7.3800, 9.4280



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.



157.4280, 32.5910, 42.6310



172.3350, 46.7550, 61.2750



152.1840, 47.3570, 28.3250



100.3150, 3.6670, 5.1310



66.2910, 59.2230, 77.6150



16.7330, 14.7140, 19.6900

Inverse Universe

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



157.4280, 32.5910, 42.6310



172.3350, 46.7550, 61.2750



183.8160, -47.3570, -28.3250



100.3150, 3.6670, 5.1310



66.2910, 59.2230, 77.6150



16.7330, 14.7140, 19.6900

Previews

White Background



This preview shows how the YIQ color 157.4280, 32.5910, 42.6310 looks on a white background.

Color Contrast Check

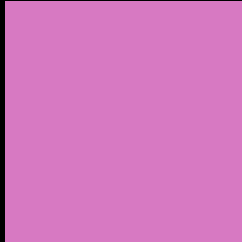
Large Text (above 18pt) WCAG AA × Fail

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 157.4280, 32.5910, 42.6310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

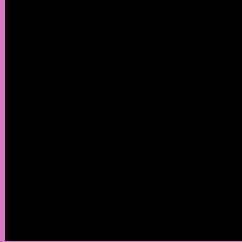
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.4280, 32.5910, 42.6310

Background



This preview shows how black text looks on a background with the YIQ color 157.4280, 32.5910, 42.6310.



This preview shows how white text looks on a background with the YIQ color 157.4280, 32.5910,

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

157.4280, 32.5910, 42.6310

Protanopia

154.0280, -31.5930, 16.3990

Deuteranopia

155.3320, -12.1980, 11.8180



Tritanopia

156.1630, 42.6820, 19.4340

Trichromacy



Original Color

157.4280, 32.5910, 42.6310



Protanomaly

155.3300, -8.7160, 25.8120



Deuteranomaly

155.9800, 3.8930, 23.0690



Tritanomaly

156.5790, 38.8750, 27.8590

Monochromacy



Original Color

157.4280, 32.5910, 42.6310



Achromatopsia

157.0000, 0.0000, -0.0000



Achromatomaly

157.1300, 11.9180, 15.2940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.4280, 32.5910, 42.6310 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(215, 121, 194)` looks like.

```
.text, #text, p{  
    color:rgb(215, 121, 194)  
}
```

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(215, 121, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 121, 194) }
```

Border

The CSS property to change the border of an element to YIQ 157.4280, 32.5910, 42.6310 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(215, 121, 194) }
```


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

```
.border{ border-color:rgb(215, 121, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 121, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 121, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 121, 194);  
box-shadow:4px 4px 4px 4px rgb(215, 121,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 157.4280, 32.5910, 42.6310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 121, 194) }
```

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

```
.background{ background-color: rgb(215,  
121, 194) }
```

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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