

Converting Colors

YIQ(175.2830, 42.2240, 16.7200)

Have a look what the booklet for
YIQ(175.2830, 42.2240, 16.7200)
contains.

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Color

**YIQ(175.2830, 42.2240,
16.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	E2999D
RGB	226, 153, 157
RGB Percent	89%, 60%, 62%
CMY	0.1135, 0.4001, 0.3841
CMYK	0.00, 0.32, 0.31, 0.11
HSL	357°, 56%, 74%
HSV	357°, 32%, 89%
XYZ	48.8537, 41.3842, 37.3301
YIQ	175.2830, 42.2240, 16.7200

Conversions

Conversions Part 2

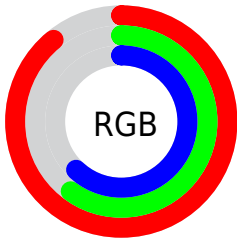
Format	Color
R _Y B	226, 153, 157
Decimal	14850461
CIE Lab	70.44, 27.91, 9.06
CIE LCh	70, 29.349, 17.987
Yxy	41.3842, 0.3830, 0.3244
Android (android.graphics.Color)	4293040541 (0xFFE2999D)
YUV	175.2830, -9.0135, 44.4788
Hunter-Lab	64.3305, 22.9775, 10.6262

Details

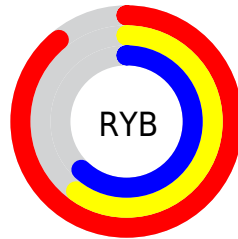
The YIQ color **175.2830, 42.2240, 16.7200** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **203.7170, -42.2240, -16.7200**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.3950, 27.0490, 10.8970**, and **121.9020, 38.9230, 15.9710** is the 20% darker color. If you saturate the color by 10%, you get **159.3880, 55.2900, 22.2180**, and if you desaturate by 10%, it is **191.1780, 29.1580, 11.2220**.

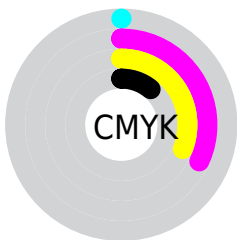
Distribution



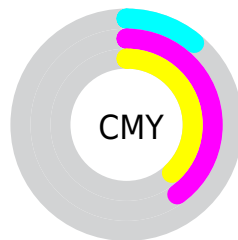
- Red (89%)
- Green (60%)
- Blue (62%)



- Red (89%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (32%)
- Yellow (31%)
- Black (11%)





- Cyan (11%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 175.2830, 42.2240, 16.7200 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 175.2830, 42.2240, 16.7200 by changing the saturation by 10% instead.


 175.2830, 42.2240,
16.7200


 175.2830, 42.2240,
16.7200


255.0000, -0.0000,
-0.0000


 148.3860, 40.4360,
16.0840


 222.5090, 26.7280,
11.2080


 121.9020, 38.9230,
15.9710

 242.1370, 10.0400,
5.2720

 96.1190, 36.8140,
15.6460

 71.9230, 34.4300,
14.7980

 47.5530, 32.5960,
14.9960

 23.7100, 30.7160,
16.0280

 12.6720, 24.7110,

9.2150

■ 0.0000, 0.0000,
0.0000

■ 175.2830, 42.2240,
16.7200

■ 175.2830, 42.2240,
16.7200

■ 159.3880, 55.2900,
22.2180

■ 191.1780, 29.1580,
11.2220

■ 143.9660, 68.4020,
26.8820

■ 206.6000, 16.0460,
6.5580

■ 128.0710, 81.4680,
32.3800

■ 222.4950, 2.9800,
1.0600

■ 112.7630, 94.2590,
37.3550

■ 237.8030, -9.8110,
-3.9150

■ 96.7540, 107.6460,
42.5420

■ 246.3290,
-17.2840, -6.1480

■ 80.8590, 120.7120,
48.0400

■ 69.0560, 130.5230,
51.9550

Harmonies

Analogous

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



176.5560, 28.5140, 22.8980



175.2830, 42.2240, 16.7200



173.5030, 44.0600, 5.4680

Triad

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



175.2830, 42.2240, 16.7200



165.3940, -7.8820, -22.3620



166.5000, -48.1420, 2.4340

Complementary

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



175.2830, 42.2240, 16.7200



203.7170, -42.2240, -16.7200

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.



159.8690, -62.9030, -10.8950



175.2830, 42.2240, 16.7200



161.5080, -34.5660, -23.3500

Square

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



175.2830, 42.2240, 16.7200



169.4310, 17.0590, -17.3170



158.4100, -57.5370, -20.0410



172.7640, -22.1020, 15.0980

Rectangle

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



175.2830, 42.2240, 16.7200



172.4820, 39.3850, -3.4230



158.4100, -57.5370, -20.0410



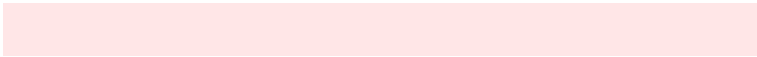
163.7440, -54.8810, -2.0890

Sweetspot

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



175.2830, 42.2240, 16.7200



237.5890, 14.5790, 5.6110



181.6540, 17.0950, 37.1190



116.8980, 9.2150, 3.7030



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.



175.2830, 42.2240, 16.7200



186.1710, 57.3990, 22.5430



193.6110, 34.7080, -1.2600



104.4030, 6.2350, 2.6430



53.7640, 101.6860, 40.4220



14.6940, 27.6450, 11.1090

Inverse Universe

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



175.2830, 42.2240, 16.7200



186.1710, 57.3990, 22.5430



185.3890, -34.7080, 1.2600



104.4030, 6.2350, 2.6430



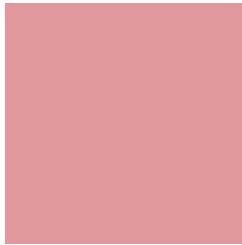
53.7640, 101.6860, 40.4220



14.6940, 27.6450, 11.1090

Previews

White Background



This preview shows how the YIQ color 175.2830, 42.2240, 16.7200 looks on a white background.

Color Contrast Check

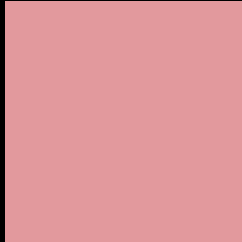
Large Text (above 18pt) WCAG AA × Fail

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 175.2830, 42.2240, 16.7200 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 175.2830, 42.2240, 16.7200

Background



This preview shows how black text looks on a background with the YIQ color 175.2830, 42.2240, 16.7200.



This preview shows how white text looks on a background with the YIQ color 175.2830, 42.2240,

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

175.2830, 42.2240, 16.7200

Protanopia

172.9250, 4.5850, -0.4950

Deuteranopia

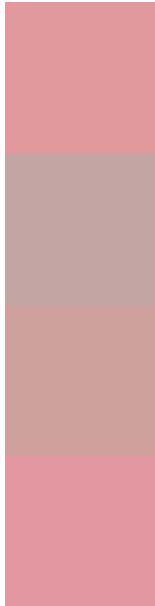
173.7160, 21.4110, 2.9390



Tritanopia

175.6790, 41.1690, 19.3210

Trichromacy



Original Color

175.2830, 42.2240, 16.7200

Protanomaly

173.7420, 18.5220, 5.7380

Deuteranomaly

174.1840, 29.0210, 8.1970

Tritanomaly

175.4510, 41.8110, 18.6990

Monochromacy



Original Color

175.2830, 42.2240, 16.7200

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.1870, 15.7710, 6.0350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.2830, 42.2240, 16.7200 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(226, 153, 157)` looks like.

```
.text, #text, p{  
    color:rgb(226, 153, 157)  
}
```

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(226, 153, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 153, 157) }
```

Border

The CSS property to change the border of an element to YIQ 175.2830, 42.2240, 16.7200 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(226, 153, 157) }
```


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

```
.border{ border-color:rgb(226, 153, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 153, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 153, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 153, 157);  
box-shadow:4px 4px 4px 4px rgb(226, 153,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 175.2830, 42.2240, 16.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 153, 157) }
```

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

```
.background{ background-color: rgb(226,  
153, 157) }
```

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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