

Converting Colors

YIQ(132.2990, 63.6310, 41.7670)

Have a look what the booklet for
YIQ(132.2990, 63.6310, 41.7670)
contains.

YIQ(132.2990, 63.6310, 41.7670)	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(132.2990, 63.6310,
41.7670)**

Conversions

Conversions Part 1

Format	Color
Hex	DB5885
RGB	219, 88, 133
RGB Percent	86%, 35%, 52%
CMY	0.1408, 0.6551, 0.4782
CMYK	0.00, 0.60, 0.39, 0.14
HSL	339°, 65%, 60%
HSV	339°, 60%, 86%
XYZ	36.9622, 23.7389, 24.8444
YIQ	132.2990, 63.6310, 41.7670

Conversions

Conversions Part 2

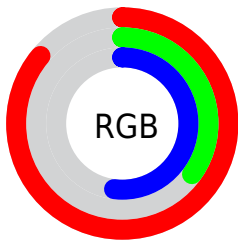
Format	Color
R _Y B	219, 88, 133
Decimal	14375045
CIE Lab	55.83, 55.37, 1.62
CIE LCh	56, 55.389, 1.680
Yxy	23.7389, 0.4321, 0.2775
Android (android.graphics.Color)	4292565125 (0xFFDB5885)
YUV	132.2990, 0.3456, 76.0368
Hunter-Lab	48.7226, 50.1499, 3.8730

Details

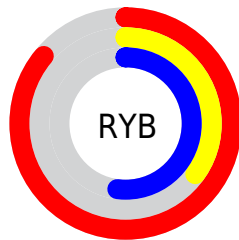
The YIQ color **132.2990, 63.6310, 41.7670** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **174.7010, -63.6310, -41.7670**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.3900, 52.9490, 37.1170**, and **73.8520, 60.6960, 45.4000** is the 20% darker color. If you saturate the color by 10%, you get **117.7890, 74.1750, 48.9190**, and if you desaturate by 10%, it is **146.8090, 53.0870, 34.6150**.

Distribution



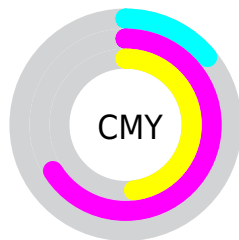
- Red (86%)
- Green (35%)
- Blue (52%)



- Red (86%)
- Yellow (35%)
- Blue (52%)



- Cyan (0%)
- Magenta (60%)
- Yellow (39%)
- Black (14%)




- Cyan (14%)
- Magenta (66%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.2990, 63.6310, 41.7670 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 132.2990, 63.6310, 41.7670 by changing the saturation by 10% instead.


 132.2990, 63.6310,
41.7670


 132.2990, 63.6310,
41.7670


255.0000, -0.0000,
-0.0000


 104.0430, 61.4760,
42.2760


 181.3900, 52.9490,
37.1170

 73.8520, 60.6960,
45.4000


 201.0180, 36.2610,
31.1810


 46.1230, 58.4950,
46.7430

 221.2330, 19.2980,
24.7220

 34.9440, 48.2730,
33.7530

 239.7380, 7.1500,
13.5980

 24.2920, 38.0050,
21.5970

 14.5800, 27.9660,
10.7980

 0.0000, 0.0000,

0.0000

■ 132.2990, 63.6310,
41.7670

■ 132.2990, 63.6310,
41.7670

■ 117.7890, 74.1750,
48.9190

■ 146.8090, 53.0870,
34.6150

■ 103.1650, 85.0400,
55.7600

■ 161.4330, 42.2220,
27.7740

■ 88.6550, 95.5840,
62.9120

■ 175.9430, 31.6780,
20.6220

■ 74.1450, 106.1280,
70.0640

■ 190.5670, 20.8130,
13.7810

■ 74.0310, 106.4490,
69.7530

■ 204.4900, 10.5440,
7.1520

■ 219.0000, 0.0000,
-0.0000

■ 233.6240,
-10.8650, -6.8410

■ 243.4380,
-19.2090, -9.8090

■ 244.2360,
-21.4560, -7.6320

Harmonies

Analogous

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



136.6390, 30.6190, 45.3310



132.2990, 63.6310, 41.7670



130.4520, 75.6010, 23.0650

Triad

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



132.2990, 63.6310, 41.7670



122.2380, 9.4520, -39.1560



112.9020, -111.2280, -10.6520

Complementary

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



132.2990, 63.6310, 41.7670



174.7010, -63.6310, -41.7670

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.



112.4340, -101.6430, -24.6750



132.2990, 63.6310, 41.7670



106.7910, -55.3770, -48.1850

Square

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



132.2990, 63.6310, 41.7670



127.0920, 48.3300, -27.8780



107.5490, -86.5100, -40.1260



107.2260, -111.7800, -0.6440

Rectangle

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



132.2990, 63.6310, 41.7670



130.5310, 73.2200, 5.6360



107.5490, -86.5100, -40.1260



113.5230, -108.8430, -15.3310

Sweetspot

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



132.2990, 63.6310, 41.7670



224.5780, 22.2800, 14.7280



128.3490, 8.6090, 58.7610



108.8110, 14.0740, 9.2580



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.



132.2990, 63.6310, 41.7670



133.3120, 89.1200, 58.9120



138.9090, 72.5760, 17.3120



102.6310, 5.5930, 3.2650



58.5670, 83.8480, 55.3360



15.5780, 22.2800, 14.7280

Inverse Universe

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



132.2990, 63.6310, 41.7670



133.3120, 89.1200, 58.9120



168.0910, -72.5760, -17.3120



102.6310, 5.5930, 3.2650



58.5670, 83.8480, 55.3360



15.5780, 22.2800, 14.7280

Previews

White Background



This preview shows how the YIQ color 132.2990, 63.6310, 41.7670 looks on a white background.

Color Contrast Check

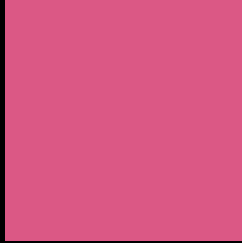
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.2990, 63.6310, 41.7670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

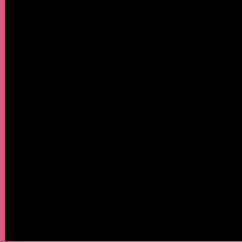
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.2990, 63.6310, 41.7670

Background



This preview shows how black text looks on a background with the YIQ color 132.2990, 63.6310, 41.7670.



This preview shows how white text looks on a background with the YIQ color 132.2990, 63.6310,

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

132.2990, 63.6310, 41.7670

Protanopia

134.8820, -11.0510, 7.5490

Deuteranopia

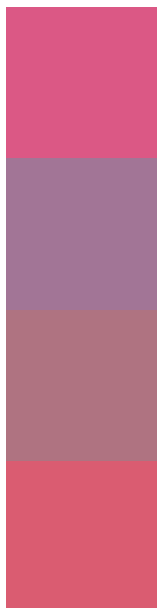
135.6380, 12.8830, 3.3070



Tritanopia

131.5750, 71.0610, 28.2530

Trichromacy



Original Color

132.2990, 63.6310, 41.7670

Protanomaly

134.2170, 16.2270, 19.8030

Deuteranomaly

134.5360, 31.2660, 17.0740

Tritanomaly

132.0680, 68.3550, 33.2430

Monochromacy



Original Color

132.2990, 63.6310, 41.7670

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

132.1760, 23.4720, 15.1520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.2990, 63.6310, 41.7670 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(219, 88, 133)` looks like.

```
.text, #text, p{  
    color:rgb(219, 88, 133)  
}
```

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(219, 88, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 88, 133) }
```

Border

The CSS property to change the border of an element to YIQ 132.2990, 63.6310, 41.7670 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(219, 88, 133) }
```


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

```
.border{ border-color:rgb(219, 88, 133) }
```

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

Here you see how a box with a 4 pixel rgb(219, 88, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 88, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 88, 133);  
box-shadow:4px 4px 4px 4px rgb(219, 88,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 132.2990, 63.6310, 41.7670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 88, 133) }
```

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

```
.background{ background-color: rgb(219, 88,  
133) }
```

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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