

Converting Colors

YIQ(133.8090, 62.2550, 44.6790)

Have a look what the booklet for
YIQ(133.8090, 62.2550, 44.6790)
contains.

YIQ(133.8090, 62.2550, 44.6790)	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(133.8090, 62.2550,
44.6790)**

Conversions

Conversions Part 1

Format	Color
Hex	DD588D
RGB	221, 88, 141
RGB Percent	87%, 35%, 55%
CMY	0.1330, 0.6551, 0.4469
CMYK	0.00, 0.60, 0.36, 0.13
HSL	336°, 66%, 61%
HSV	336°, 60%, 87%
XYZ	38.1427, 24.2811, 27.8962
YIQ	133.8090, 62.2550, 44.6790

Conversions

Conversions Part 2

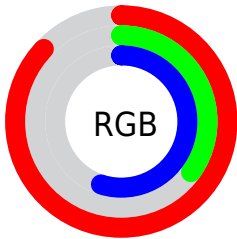
Format	Color
R _{YB}	221, 88, 141
Decimal	14506125
CIE Lab	56.37, 56.87, -2.25
CIE LCh	56, 56.916, 357.731
Yxy	24.2811, 0.4223, 0.2688
Android (android.graphics.Color)	4292696205 (0xFFDD588D)
YUV	133.8090, 3.5452, 76.4665
Hunter-Lab	49.2758, 51.9379, 0.9277

Details

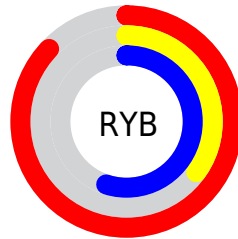
The YIQ color **133.8090, 62.2550, 44.6790** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **175.1910, -62.2550, -44.6790**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.0030, 49.7850, 39.3930**, and **74.6610, 59.9160, 48.5240** is the 20% darker color. If you saturate the color by 10%, you get **119.4130, 72.4780, 52.1420**, and if you desaturate by 10%, it is **148.2050, 52.0320, 37.2160**.

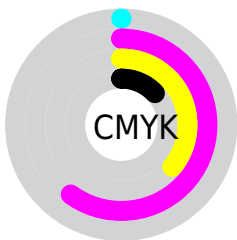
Distribution



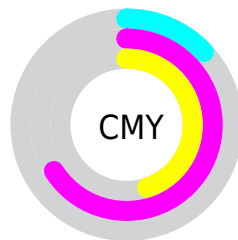
- Red (87%)
- Green (35%)
- Blue (55%)



- Red (87%)
- Yellow (35%)
- Blue (55%)



- Cyan (0%)
- Magenta (60%)
- Yellow (36%)
- Black (13%)



- Cyan (13%)
- Magenta (66%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.8090, 62.2550, 44.6790 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 133.8090, 62.2550, 44.6790 by changing the saturation by 10% instead.


 133.8090, 62.2550,
44.6790


 133.8090, 62.2550,
44.6790


255.0000, -0.0000,
-0.0000


 105.5530, 60.1000,
45.1880


 183.0030, 49.7850,
39.3930

 74.6610, 59.9160,
48.5240


 202.5170, 33.4180,
33.1460


 47.5190, 57.4400,
49.3440

 222.2590, 16.4090,
27.5210

 36.6390, 47.8140,
36.5660

 239.7380, 7.1500,
13.5980

 25.8730, 37.8670,
24.0990

 15.4770, 29.7540,
11.4340

 0.0000, 0.0000,

0.0000

■ 133.8090, 62.2550,
44.6790

■ 133.8090, 62.2550,
44.6790

■ 119.4130, 72.4780,
52.1420

■ 148.2050, 52.0320,
37.2160

■ 104.9030, 83.0220,
59.2940

■ 162.7150, 41.4880,
30.0640

■ 90.5070, 93.2450,
66.7570

■ 177.1110, 31.2650,
22.6010

■ 76.1110, 103.4680,
74.2200

■ 191.5070, 21.0420,
15.1380

■ 206.0170, 10.4980,
7.9860

■ 221.0000, 0.0000,
0.0000

■ 235.3960,
-10.2230, -7.4630

■ 243.9220,
-17.6960, -9.6960

■ 244.8340,
-20.2640, -7.2080

Harmonies

Analogous

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



138.5290, 25.1170, 45.9250



133.8090, 62.2550, 44.6790



131.7560, 77.8010, 27.2490

Triad

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



133.8090, 62.2550, 44.6790



124.4190, 16.1920, -40.1600



114.6630, -112.0530, -12.2210

Complementary

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



133.8090, 62.2550, 44.6790



175.1910, -62.2550, -44.6790

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.



113.2660, -101.2300, -26.6540



133.8090, 62.2550, 44.6790



111.7770, -43.5940, -46.9700

Square

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



133.8090, 62.2550, 44.6790



128.5550, 54.3360, -26.5920



107.5660, -85.1800, -42.2040



110.0300, -114.1640, -1.4920

Rectangle

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



133.8090, 62.2550, 44.6790



131.6070, 76.0620, 9.1980



107.5660, -85.1800, -42.2040



115.2840, -109.6680, -16.9000

Sweetspot

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



133.8090, 62.2550, 44.6790



224.8060, 21.6380, 15.3500



127.0820, 4.9870, 58.3230



109.0390, 13.4320, 9.8800



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.



133.8090, 62.2550, 44.6790



134.4520, 85.9100, 62.0220



135.3980, 75.6930, 21.3970



102.7450, 5.2720, 3.5760



59.5930, 80.9590, 58.1350



15.8060, 21.6380, 15.3500

Inverse Universe

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



133.8090, 62.2550, 44.6790



134.4520, 85.9100, 62.0220



173.6020, -75.6930, -21.3970



102.7450, 5.2720, 3.5760



59.5930, 80.9590, 58.1350



15.8060, 21.6380, 15.3500

Previews

White Background



This preview shows how the YIQ color 133.8090, 62.2550, 44.6790 looks on a white background.

Color Contrast Check

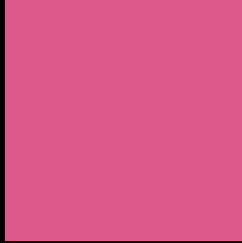
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.8090, 62.2550, 44.6790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

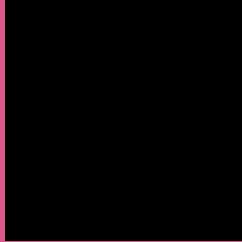
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.8090, 62.2550, 44.6790

Background



This preview shows how black text looks on a background with the YIQ color 133.8090, 62.2550, 44.6790.



This preview shows how white text looks on a background with the YIQ color 133.8090, 62.2550,

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

133.8090, 62.2550, 44.6790

Protanopia

136.0110, -15.7280, 9.7120

Deuteranopia

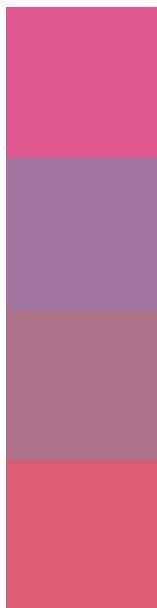
136.7240, 9.7650, 4.7490



Tritanopia

133.1620, 70.7860, 27.7300

Trichromacy



Original Color

133.8090, 62.2550, 44.6790

Protanomaly

134.9440, 12.7420, 22.3900

Deuteranomaly

135.4480, 28.6980, 19.5620

Tritanomaly

133.2960, 67.7130, 33.8650

Monochromacy



Original Color

133.8090, 62.2550, 44.6790

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.9310, 22.7840, 16.6080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.8090, 62.2550, 44.6790 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(221, 88, 141)` looks like.

```
.text, #text, p{  
    color:rgb(221, 88, 141)  
}
```

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(221, 88, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 88, 141) }
```

Border

The CSS property to change the border of an element to YIQ 133.8090, 62.2550, 44.6790 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(221, 88, 141) }
```


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

```
.border{ border-color:rgb(221, 88, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 88, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 88, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 88, 141);  
box-shadow:4px 4px 4px 4px rgb(221, 88,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 133.8090, 62.2550, 44.6790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 88, 141) }
```

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

```
.background{ background-color: rgb(221, 88,  
141) }
```

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