

Converting Colors

YIQ(136.8440, 63.1740, 33.5260)

Have a look what the booklet for
YIQ(136.8440, 63.1740, 33.5260)
contains.

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Color

**YIQ(136.8440, 63.1740,
33.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	DA627C
RGB	218, 98, 124
RGB Percent	85%, 38%, 49%
CMY	0.1448, 0.6159, 0.5135
CMYK	0.00, 0.55, 0.43, 0.14
HSL	347°, 62%, 62%
HSV	347°, 55%, 86%
XYZ	36.9412, 25.1000, 21.9860
YIQ	136.8440, 63.1740, 33.5260

Conversions

Conversions Part 2

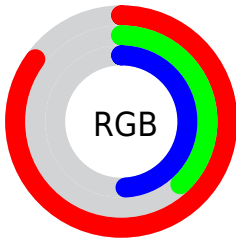
Format	Color
R_{YB}	218, 98, 124
Decimal	14312060
CIE _{Lab}	57.17, 49.49, 8.83
CIE _{LCh}	57, 50.270, 10.111
Yxy	25.1000, 0.4396, 0.2987
Android (android.graphics.Color)	4292502140 (0xFFDA627C)
YUV	136.8440, -6.3321, 71.1738
Hunter-Lab	50.0999, 43.9426, 9.0508

Details

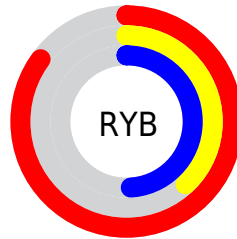
The YIQ color **136.8440, 63.1740, 33.5260** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **179.1560, -63.1740, -33.5260**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **185.5330, 53.6840, 29.3000**, and **81.3320, 58.8640, 34.5440** is the 20% darker color. If you saturate the color by 10%, you get **121.9920, 74.6810, 39.7450**, and if you desaturate by 10%, it is **151.6960, 51.6670, 27.3070**.

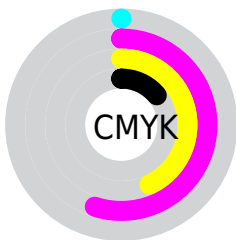
Distribution



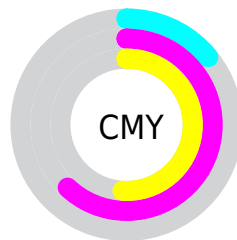
- Red (85%)
- Green (38%)
- Blue (49%)



- Red (85%)
- Yellow (38%)
- Blue (49%)



- Cyan (0%)
- Magenta (55%)
- Yellow (43%)
- Black (14%)





- Cyan (14%)
- Magenta (62%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.8440, 63.1740, 33.5260 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 136.8440, 63.1740, 33.5260 by changing the saturation by 10% instead.


 136.8440, 63.1740,
33.5260


 136.8440, 63.1740,
33.5260


255.0000, -0.0000,
-0.0000


 109.1750, 60.7440,
33.5120


 185.5330, 53.6840,
29.3000


 81.4460, 58.5430,
34.8550


 205.1610, 36.9960,
23.3640


 49.0210, 58.5420,
40.3820

 225.3760, 20.0330,
16.9050

 34.1460, 50.5200,
31.5760

 245.0210, 4.6750,
8.8910

 23.0380, 41.5360,
18.1760

 14.5800, 27.9660,
10.7980

 0.0000, 0.0000,

0.0000

■ 136.8440, 63.1740,
33.5260

■ 136.8440, 63.1740,
33.5260

■ 121.9920, 74.6810,
39.7450

■ 151.6960, 51.6670,
27.3070

■ 107.1400, 86.1880,
45.9640

■ 166.5480, 40.1600,
21.0880

■ 92.8750, 97.4200,
51.6600

■ 180.8130, 28.9280,
15.3920

■ 78.0230, 108.9270,
57.8790

■ 195.6650, 17.4210,
9.1730

■ 70.5400, 114.8410,
60.8330

■ 210.5170, 5.9140,
2.9540

■ 225.3690, -5.5930,
-3.2650

■ 240.3350,
-17.4210, -9.1730

■ 243.9370,
-22.0520, -7.8440

Harmonies

Analogous

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



140.0110, 38.1390, 41.2030



136.8440, 63.1740, 33.5260



135.9470, 69.4130, 14.0610

Triad

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



136.8440, 63.1740, 33.5260



126.1750, -3.4320, -36.9360



113.0160, -111.5490, -10.3410

Complementary

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



136.8440, 63.1740, 33.5260



179.1560, -63.1740, -33.5260

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.



114.1610, -105.1280, -22.0880



136.8440, 63.1740, 33.5260



105.4390, -74.8170, -48.2970

Square

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



136.8440, 63.1740, 33.5260



131.2630, 34.6670, -28.0610



110.5470, -92.1960, -36.1960



130.7720, -60.1110, 15.6090

Rectangle

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



136.8440, 63.1740, 33.5260



135.1120, 63.9140, -1.9260



110.5470, -92.1960, -36.1960



114.0930, -110.4480, -13.7760

Sweetspot

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



136.8440, 63.1740, 33.5260



225.8830, 22.7390, 11.9150



139.1880, 16.3120, 56.8240



110.4580, 13.5700, 7.3780



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.



136.8440, 63.1740, 33.5260



141.3360, 88.5720, 46.8120



152.6640, 62.7200, 8.7040



102.5170, 5.9140, 2.9540



56.0590, 90.9100, 48.4940



14.8940, 24.2060, 12.8620

Inverse Universe

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



136.8440, 63.1740, 33.5260



141.3360, 88.5720, 46.8120



163.3360, -62.7200, -8.7040



102.5170, 5.9140, 2.9540



56.0590, 90.9100, 48.4940



14.8940, 24.2060, 12.8620

Previews

White Background



This preview shows how the YIQ color 136.8440, 63.1740, 33.5260 looks on a white background.

Color Contrast Check

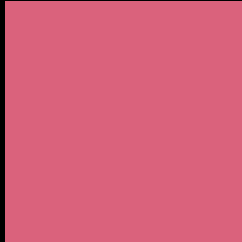
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8440, 63.1740, 33.5260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

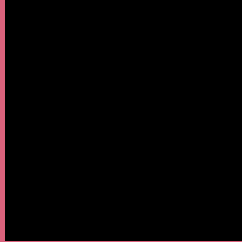
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.8440, 63.1740, 33.5260

Background



This preview shows how black text looks on a background with the YIQ color 136.8440, 63.1740, 33.5260.

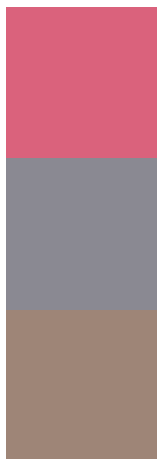


This preview shows how white text looks on a background with the YIQ color 136.8440, 63.1740,

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

136.8440, 63.1740, 33.5260

Protanopia

138.3250, -2.2930, 3.0110

Deuteranopia

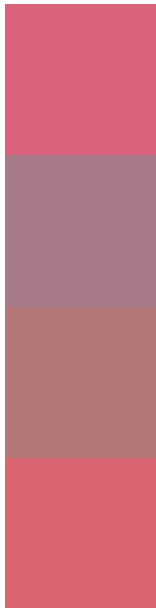
138.8790, 19.3940, 0.9460



Tritanopia

136.4820, 66.8890, 26.7690

Trichromacy



Original Color

136.8440, 63.1740, 33.5260

Protanomaly

137.8660, 21.4090, 13.9930

Deuteranomaly

138.0540, 35.4390, 13.0310

Tritanomaly

136.5790, 65.2380, 29.1580

Monochromacy



Original Color

136.8440, 63.1740, 33.5260

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.8830, 22.7390, 11.9150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.8440, 63.1740, 33.5260 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(218, 98, 124)` looks like.

```
.text, #text, p{  
    color:rgb(218, 98, 124)  
}
```

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(218, 98, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 98, 124) }
```

Border

The CSS property to change the border of an element to YIQ 136.8440, 63.1740, 33.5260 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(218, 98, 124) }
```


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

```
.border{ border-color:rgb(218, 98, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 98, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 98, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 98, 124);  
box-shadow:4px 4px 4px 4px rgb(218, 98,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 136.8440, 63.1740, 33.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 98, 124) }
```

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

```
.background{ background-color: rgb(218, 98,  
124) }
```

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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