

Converting Colors

YIQ(136.8770, 67.5750, 36.3670)

Have a look what the booklet for
YIQ(136.8770, 67.5750, 36.3670)
contains.

YIQ(136.8770, 67.5750, 36.3670)	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(136.8770, 67.5750,
36.3670)**

Conversions

Conversions Part 1

Format	Color
Hex	E05F7C
RGB	224, 95, 124
RGB Percent	88%, 37%, 49%
CMY	0.1212, 0.6276, 0.5135
CMYK	0.00, 0.58, 0.45, 0.12
HSL	346°, 68%, 63%
HSV	346°, 58%, 88%
XYZ	38.4956, 25.4920, 21.9811
YIQ	136.8770, 67.5750, 36.3670

Conversions

Conversions Part 2

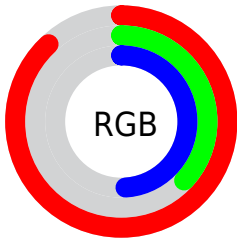
Format	Color
R _Y B	224, 95, 124
Decimal	14704508
CIE Lab	57.55, 52.90, 9.49
CIE LCh	58, 53.747, 10.167
Yxy	25.4920, 0.4478, 0.2965
Android (android.graphics.Color)	4292894588 (0xFFE05F7C)
YUV	136.8770, -6.3484, 76.4069
Hunter-Lab	50.4896, 47.7395, 9.5303

Details

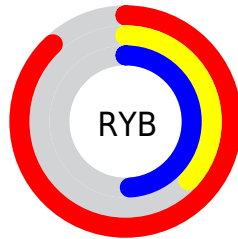
The YIQ color **136.8770, 67.5750, 36.3670** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **182.1230, -67.5750, -36.3670**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **184.3590, 54.2340, 30.3460**, and **79.8920, 63.2190, 38.2190** is the 20% darker color. If you saturate the color by 10%, you get **122.0250, 79.0820, 42.5860**, and if you desaturate by 10%, it is **151.7290, 56.0680, 30.1480**.

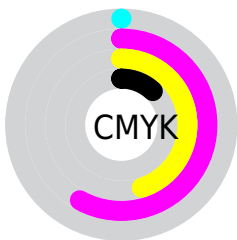
Distribution



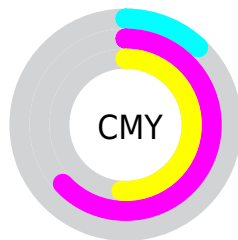
- Red (88%)
- Green (37%)
- Blue (49%)



- Red (88%)
- Yellow (37%)
- Blue (49%)



- Cyan (0%)
- Magenta (58%)
- Yellow (45%)
- Black (12%)



- Cyan (12%)
- Magenta (63%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.8770, 67.5750, 36.3670 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 136.8770, 67.5750, 36.3670 by changing the saturation by 10% instead.


 136.8770, 67.5750,
36.3670


 136.8770, 67.5750,
36.3670


255.0000, -0.0000,
-0.0000


 108.6210, 65.4200,
36.8760


 184.3590, 54.2340,
30.3460

 80.0060, 62.8980,
38.5300


 203.9870, 37.5460,
24.4100


 46.4070, 63.4470,
45.1030

 224.2020, 20.5830,
17.9510

 35.3420, 52.9040,
32.4240

 243.8470, 5.2250,
9.9370

 24.2340, 43.9200,
19.0240

 15.7760, 30.3500,
11.6460

 0.0000, 0.0000,

0.0000

■ 136.8770, 67.5750,
36.3670

■ 136.8770, 67.5750,
36.3670

■ 122.0250, 79.0820,
42.5860

■ 151.7290, 56.0680,
30.1480

■ 106.4720, 91.1850,
49.0170

■ 167.2820, 43.9650,
23.7170

■ 91.6200, 102.6920,
55.2360

■ 182.1340, 32.4580,
17.4980

■ 76.1810, 114.4740,
61.9780

■ 197.5730, 20.6760,
10.7560

■ 72.7900, 117.1330,
63.3490

■ 212.5390, 8.8480,
4.8480

■ 227.3910, -2.6590,
-1.3710

■ 242.9440,
-14.7620, -7.8020

■ 245.7310,
-18.4760, -6.5720

Harmonies

Analogous

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



140.6740, 40.7060, 44.2420



136.8770, 67.5750, 36.3670



135.9260, 73.9060, 15.2340

Triad

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



136.8770, 67.5750, 36.3670



125.2950, -3.8900, -39.6500



114.9880, -114.3460, -9.2100

Complementary

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



136.8770, 67.5750, 36.3670



182.1230, -67.5750, -36.3670

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.



115.9050, -107.2830, -21.5790



136.8770, 67.5750, 36.3670



105.3030, -77.4300, -50.5020

Square

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



136.8770, 67.5750, 36.3670



131.2370, 37.5560, -30.8600



111.9490, -93.3880, -36.6200



130.0640, -66.8050, 15.7790

Rectangle

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



136.8770, 67.5750, 36.3670



135.1510, 68.1780, -2.1100



111.9490, -93.3880, -36.6200



115.9510, -112.9240, -12.9560

Sweetspot

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



136.8770, 67.5750, 36.3670



225.8830, 22.7390, 11.9150



139.3070, 17.5950, 61.1070



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.



136.8770, 67.5750, 36.3670



136.1840, 92.0560, 49.7520



153.5290, 67.5340, 9.5660



104.6310, 5.5930, 3.2650



57.1840, 92.0560, 49.7520



15.6060, 25.0770, 13.5970

Inverse Universe

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



136.8770, 67.5750, 36.3670



136.1840, 92.0560, 49.7520



165.4710, -67.5340, -9.5660



104.6310, 5.5930, 3.2650



57.1840, 92.0560, 49.7520



15.6060, 25.0770, 13.5970

Previews

White Background



This preview shows how the YIQ color 136.8770, 67.5750, 36.3670 looks on a white background.

Color Contrast Check

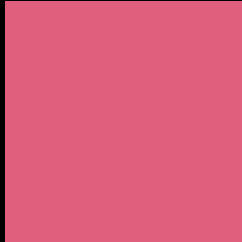
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8770, 67.5750, 36.3670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

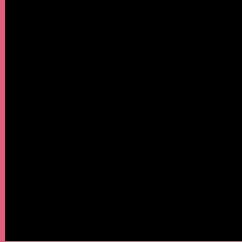
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.8770, 67.5750, 36.3670

Background



This preview shows how black text looks on a background with the YIQ color 136.8770, 67.5750, 36.3670.



This preview shows how white text looks on a background with the YIQ color 136.8770, 67.5750,

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

136.8770, 67.5750, 36.3670

Protanopia

139.4390, -2.6140, 3.3220

Deuteranopia

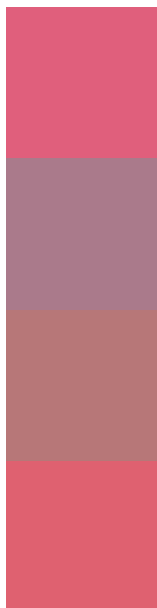
139.0640, 20.3110, 0.8470



Tritanopia

136.1730, 72.2530, 28.6770

Trichromacy



Original Color

136.8770, 67.5750, 36.3670

Protanomaly

138.2900, 23.1510, 15.4630

Deuteranomaly

138.2500, 37.8230, 13.8790

Tritanomaly

136.3840, 70.2810, 31.3770

Monochromacy



Original Color

136.8770, 67.5750, 36.3670

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.1930, 24.8020, 13.0740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.8770, 67.5750, 36.3670 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(224, 95, 124)` looks like.

```
.text, #text, p{  
    color:rgb(224, 95, 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(224, 95, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 95, 124) }
```

Border

The CSS property to change the border of an element to YIQ 136.8770, 67.5750, 36.3670 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(224, 95, 124) }
```


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

```
.border{ border-color:rgb(224, 95, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 95, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 95, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 95, 124);  
box-shadow:4px 4px 4px 4px rgb(224, 95,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 136.8770, 67.5750, 36.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 95, 124) }
```

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

```
.background{ background-color: rgb(224, 95,  
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](#).

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