

Converting Colors

YIQ(136.5470, 86.6000, 49.5120)

Have a look what the booklet for
YIQ(136.5470, 86.6000, 49.5120)
contains.

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Color

**YIQ(136.5470, 86.6000,
49.5120)**

Conversions

Conversions Part 1

Format	Color
Hex	FA517D
RGB	250, 81, 125
RGB Percent	98%, 32%, 49%
CMY	0.0192, 0.6826, 0.5095
CMYK	0.00, 0.68, 0.50, 0.02
HSL	344°, 95%, 65%
HSV	344°, 68%, 98%
XYZ	46.1075, 27.7012, 22.3452
YIQ	136.5470, 86.6000, 49.5120

Conversions

Conversions Part 2

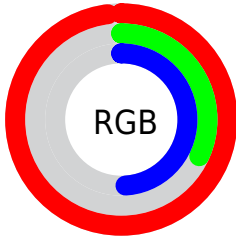
Format	Color
R _Y B	250, 81, 125
Decimal	16404861
CIE Lab	59.62, 66.93, 12.41
CIE LCh	60, 68.070, 10.501
Yxy	27.7012, 0.4795, 0.2881
Android (android.graphics.Color)	4294594941 (0xFFFA517D)
YUV	136.5470, -5.6927, 99.4983
Hunter-Lab	52.6320, 64.2664, 11.6704

Details

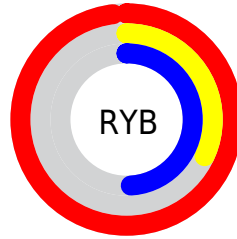
The YIQ color **136.5470, 86.6000, 49.5120** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **194.4530, -86.6000, -49.5120**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **178.6030, 56.6630, 35.8870**, and **64.9900, 87.3310, 63.8030** is the 20% darker color. If you saturate the color by 10%, you get **119.8200, 99.2530, 56.9890**, and if you desaturate by 10%, it is **153.3880, 73.6260, 42.3460**.

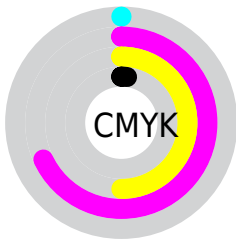
Distribution



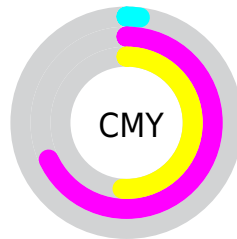
- Red (98%)
- Green (32%)
- Blue (49%)



- Red (98%)
- Yellow (32%)
- Blue (49%)



- Cyan (0%)
- Magenta (68%)
- Yellow (50%)
- Black (2%)




- Cyan (2%)
- Magenta (68%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.5470, 86.6000, 49.5120 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 136.5470, 86.6000, 49.5120 by changing the saturation by 10% instead.


 136.5470, 86.6000,
49.5120


 136.5470, 86.6000,
49.5120


255.0000, -0.0000,
-0.0000


 105.0570, 85.2240,
52.4240


 178.6030, 56.6630,
35.8870


 64.9900, 87.3310,
63.8030


 198.8180, 39.7000,
29.4280


 53.0990, 76.2380,
50.0780

 219.0330, 22.7370,
22.9690

 41.7350, 65.0990,
37.1870

 238.5640, 7.7000,
14.6440

 30.2570, 54.2810,
23.9850

 20.9730, 40.1610,
15.5610

 10.8780, 21.1350,

7.9430

■ 0.0000, 0.0000,
0.0000

■ 136.5470, 86.6000,
49.5120

■ 136.5470, 86.6000,
49.5120

■ 119.8200, 99.2530,
56.9890

■ 153.3880, 73.6260,
42.3460

■ 102.9790,
112.2270, 64.1550

■ 170.1150, 60.9730,
34.8690

■ 86.2520, 124.8800,
71.6320

■ 186.9560, 47.9990,
27.7030

■ 82.1600, 128.1350,
73.2150

■ 203.6830, 35.3460,
20.2260

■ 220.5240, 22.3720,
13.0600

237.2510, 9.7190,
5.5830

253.3910, -2.6590,
-1.3710

253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



142.6900, 52.9450, 59.2250



136.5470, 86.6000, 49.5120



137.6140, 92.5200, 19.3040

Triad

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



136.5470, 86.6000, 49.5120



125.0090, -6.5010, -52.9090



123.5770, -126.1300, -4.8980

Complementary

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



136.5470, 86.6000, 49.5120



194.4530, -86.6000, -49.5120

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.



124.2830, -117.0950, -19.9670



136.5470, 86.6000, 49.5120



110.7170, -78.8960, -56.9760

Square

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



136.5470, 86.6000, 49.5120



132.6230, 50.4880, -44.9680



119.0730, -99.6690, -38.4290



119.8770, -108.9390, 8.4450

Rectangle

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



136.5470, 86.6000, 49.5120



137.3240, 86.5640, -4.9240



119.0730, -99.6690, -38.4290



125.1270, -124.9830, -9.1670

Sweetspot

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



136.5470, 86.6000, 49.5120



220.7310, 26.2230, 14.8550



137.3420, 19.6550, 78.8470



107.1810, 15.9080, 9.0600



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.



136.5470, 86.6000, 49.5120



116.0490, 106.0380, 60.6780



154.4240, 89.9990, 15.4310



116.3430, 6.4640, 4.0000



62.0970, 96.9150, 55.3070



20.0630, 31.2200, 17.9080

Inverse Universe

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



136.5470, 86.6000, 49.5120



116.0490, 106.0380, 60.6780



176.5760, -89.9990, -15.4310



116.3430, 6.4640, 4.0000



62.0970, 96.9150, 55.3070



20.0630, 31.2200, 17.9080

Previews

White Background



This preview shows how the YIQ color 136.5470, 86.6000, 49.5120 looks on a white background.

Color Contrast Check

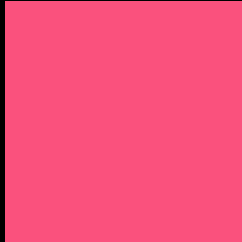
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.5470, 86.6000, 49.5120 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 136.5470, 86.6000, 49.5120

Background



This preview shows how black text looks on a background with the YIQ color 136.5470, 86.6000, 49.5120.



This preview shows how white text looks on a background with the YIQ color 136.5470, 86.6000,

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

136.5470, 86.6000, 49.5120

Protanopia

144.4110, -5.4110, 4.4530

Deuteranopia

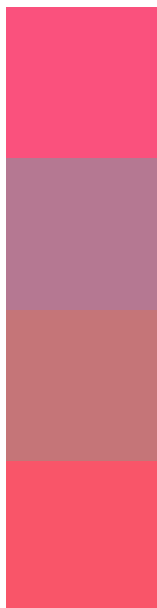
144.2770, 24.0250, -0.3830



Tritanopia

136.4100, 93.7550, 35.4750

Trichromacy



Original Color

136.5470, 86.6000, 49.5120

Protanomaly

141.2030, 28.0100, 21.0180

Deuteranomaly

141.2620, 46.7170, 17.8930

Tritanomaly

136.3160, 91.3240, 40.9880

Monochromacy



Original Color

136.5470, 86.6000, 49.5120

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.0630, 31.2200, 17.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.5470, 86.6000, 49.5120 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(250, 81, 125)` looks like.

```
.text, #text, p{  
    color:rgb(250, 81, 125)  
}
```

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(250, 81, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 81, 125) }
```

Border

The CSS property to change the border of an element to YIQ 136.5470, 86.6000, 49.5120 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(250, 81, 125) }
```


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

```
.border{ border-color:rgb(250, 81, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 81, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 81, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 81, 125);  
box-shadow:4px 4px 4px 4px rgb(250, 81,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 136.5470, 86.6000, 49.5120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 81, 125) }
```

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

```
.background{ background-color: rgb(250, 81,  
125) }
```

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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