

Converting Colors

YIQ(129.6050, 80.6850, 52.0850)

Have a look what the booklet for
YIQ(129.6050, 80.6850, 52.0850)
contains.

YIQ(129.6050, 80.6850, 52.0850)	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(129.6050, 80.6850,
52.0850)**

Conversions

Conversions Part 1

Format	Color
Hex	EF4A81
RGB	239, 74, 129
RGB Percent	94%, 29%, 51%
CMY	0.0623, 0.7100, 0.4938
CMYK	0.00, 0.69, 0.46, 0.06
HSL	340°, 84%, 61%
HSV	340°, 69%, 94%
XYZ	42.0447, 24.8449, 23.3731
YIQ	129.6050, 80.6850, 52.0850

Conversions

Conversions Part 2

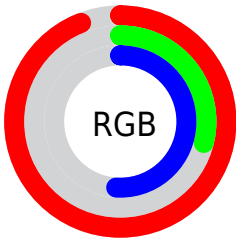
Format	Color
R_{YB}	239, 74, 129
Decimal	15682177
CIE _{Lab}	56.92, 66.65, 5.98
CIE _{LCh}	57, 66.913, 5.127
Yxy	24.8449, 0.4658, 0.2753
Android (android.graphics.Color)	4293872257 (0xFFEF4A81)
YUV	129.6050, -0.2983, 95.9394
Hunter-Lab	49.8446, 63.3394, 7.0890

Details

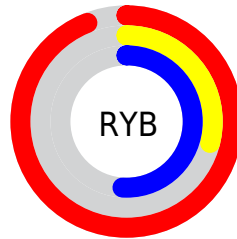
The YIQ color **129.6050, 80.6850, 52.0850** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **183.3950, -80.6850, -52.0850**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.0640, 56.9830, 41.1030**, and **62.3420, 80.4080, 62.6160** is the 20% darker color. If you saturate the color by 10%, you get **113.6930, 92.4210, 59.6610**, and if you desaturate by 10%, it is **145.5170, 68.9490, 44.5090**.

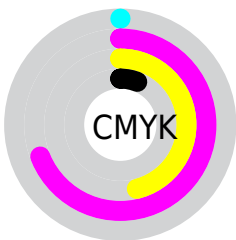
Distribution



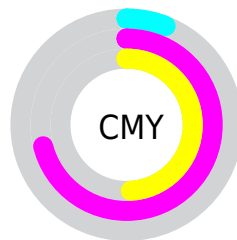
- Red (94%)
- Green (29%)
- Blue (51%)



- Red (94%)
- Yellow (29%)
- Blue (51%)



- Cyan (0%)
- Magenta (69%)
- Yellow (46%)
- Black (6%)




- Cyan (6%)
- Magenta (71%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.6050, 80.6850, 52.0850 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 129.6050, 80.6850, 52.0850 by changing the saturation by 10% instead.


 129.6050, 80.6850,
52.0850


 129.6050, 80.6850,
52.0850


255.0000, -0.0000,
-0.0000


 97.5280, 79.5840,
55.5200


 175.0640, 56.9830,
41.1030


 62.3420, 80.4080,
62.6160


 195.1650, 40.3410,
34.3330

 50.5650, 68.9940,
49.2020


 215.3800, 23.3780,
27.8740

 39.0870, 58.1760,
36.0000

 234.4550, 9.6250,
18.3050

 28.0220, 47.6330,
23.3210

 252.0650, 1.3750,
2.6150

 18.2820, 34.7970,
13.6530

 6.5780, 13.1120,

4.6640

■ 0.0000, 0.0000,
0.0000

■ 129.6050, 80.6850,
52.0850

■ 129.6050, 80.6850,
52.0850

■ 113.6930, 92.4210,
59.6610

■ 145.5170, 68.9490,
44.5090

■ 97.7810, 104.1570,
67.2370

■ 161.4290, 57.2130,
36.9330

■ 81.8690, 115.8930,
74.8130

■ 177.3410, 45.4770,
29.3570


■ 80.5810, 116.7640,
75.5480

■ 193.2530, 33.7410,
21.7810

■ 208.5780, 22.2800,
14.7280

 224.4900, 10.5440,
7.1520

 240.4020, -1.1920,
-0.4240

 250.2160, -9.5360,
-3.3920

Harmonies

Analogous

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



136.9600, 43.3170, 57.5010



129.6050, 80.6850, 52.0850



130.2320, 90.9600, 25.5520

Triad

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



129.6050, 80.6850, 52.0850



120.1800, 6.1990, -51.7930



118.5730, -120.3070, -5.8030

Complementary

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



129.6050, 80.6850, 52.0850



183.3950, -80.6850, -52.0850

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.



118.2360, -109.7130, -21.5930



129.6050, 80.6850, 52.0850



103.6100, -71.2850, -57.2450

Square

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



129.6050, 80.6850, 52.0850



126.7640, 54.7050, -38.7910



112.2110, -91.3700, -40.1540



111.1360, -120.0340, 5.7740

Rectangle

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



129.6050, 80.6850, 52.0850



130.5400, 86.1960, 1.7480



112.2110, -91.3700, -40.1540



119.7810, -118.1970, -11.0050

Sweetspot

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



129.6050, 80.6850, 52.0850



219.1980, 26.4060, 17.0460



124.8030, 10.8070, 73.9990



106.7080, 15.8620, 9.8940



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.



129.6050, 80.6850, 52.0850



114.4820, 103.5610, 67.0250



138.0100, 91.4650, 21.9050



112.0440, 5.8680, 3.7880



61.9700, 90.0830, 57.9790



18.9100, 27.2770, 17.7810

Inverse Universe

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



129.6050, 80.6850, 52.0850



114.4820, 103.5610, 67.0250



174.9900, -91.4650, -21.9050



112.0440, 5.8680, 3.7880



61.9700, 90.0830, 57.9790



18.9100, 27.2770, 17.7810

Previews

White Background



This preview shows how the YIQ color 129.6050, 80.6850, 52.0850 looks on a white background.

Color Contrast Check

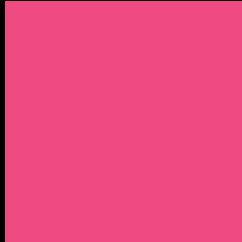
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.6050, 80.6850, 52.0850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

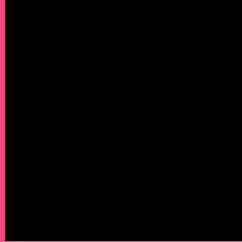
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.6050, 80.6850, 52.0850

Background



This preview shows how black text looks on a background with the YIQ color 129.6050, 80.6850, 52.0850.



This preview shows how white text looks on a background with the YIQ color 129.6050, 80.6850,

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

129.6050, 80.6850, 52.0850

Protanopia

137.8110, -12.2890, 7.9590

Deuteranopia

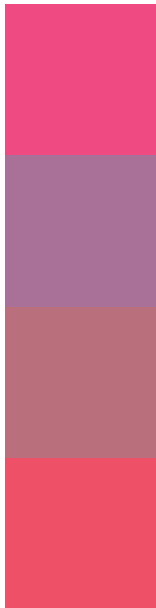
137.9220, 17.8350, 1.6670



Tritanopia

129.6160, 90.1790, 34.2030

Trichromacy



Original Color

129.6050, 80.6850, 52.0850

Protanomaly

134.4890, 21.4530, 24.2130

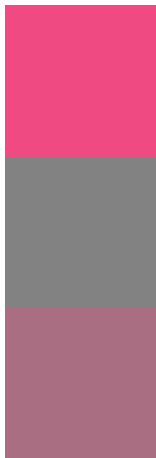
Deuteranomaly

134.9070, 40.5270, 19.9430

Tritanomaly

129.8640, 86.7850, 40.6490

Monochromacy



Original Color

129.6050, 80.6850, 52.0850

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.2200, 29.3400, 18.9400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.6050, 80.6850, 52.0850 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(239, 74, 129)` looks like.

```
.text, #text, p{  
    color:rgb(239, 74, 129)  
}
```

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(239, 74, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 74, 129) }
```

Border

The CSS property to change the border of an element to YIQ 129.6050, 80.6850, 52.0850 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(239, 74, 129) }
```


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

```
.border{ border-color:rgb(239, 74, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 74, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 74, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 74, 129);  
box-shadow:4px 4px 4px 4px rgb(239, 74,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 129.6050, 80.6850, 52.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 74, 129) }
```

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

```
.background{ background-color: rgb(239, 74,  
129) }
```

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