

Converting Colors

YIQ(127.0650, 73.5780, 54.2340)

Have a look what the booklet for
YIQ(127.0650, 73.5780, 54.2340)
contains.

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Color

**YIQ(127.0650, 73.5780,
54.2340)**

Conversions

Conversions Part 1

Format	Color
Hex	E7488A
RGB	231, 72, 138
RGB Percent	91%, 28%, 54%
CMY	0.0937, 0.7179, 0.4586
CMYK	0.00, 0.69, 0.40, 0.09
HSL	335°, 77%, 59%
HSV	335°, 69%, 91%
XYZ	39.8945, 23.4696, 26.4955
YIQ	127.0650, 73.5780, 54.2340

Conversions

Conversions Part 2

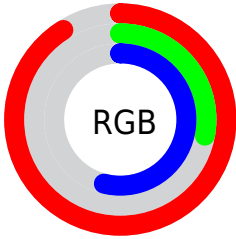
Format	Color
R_{YB}	231, 72, 138
Decimal	15157386
CIE Lab	55.55, 65.95, -1.50
CIE LCh	56, 65.964, 358.700
Yxy	23.4696, 0.4440, 0.2612
Android (android.graphics.Color)	4293347466 (0xFFE7488A)
YUV	127.0650, 5.3910, 91.1510
Hunter-Lab	48.4454, 62.2140, 1.4853

Details

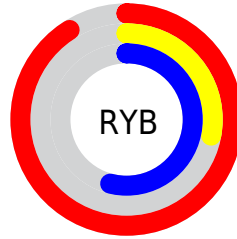
The YIQ color **127.0650, 73.5780, 54.2340** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **175.9350, -73.5780, -54.2340**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **174.9160, 54.6440, 44.9480**, and **60.8620, 73.0720, 63.4080** is the 20% darker color. If you saturate the color by 10%, you get **112.0820, 84.0760, 62.2200**, and if you desaturate by 10%, it is **142.1620, 62.7590, 46.5590**.

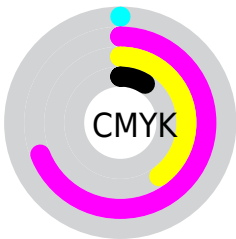
Distribution



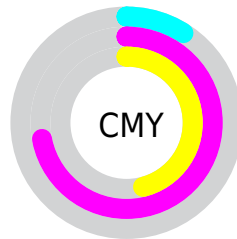
- Red (91%)
- Green (28%)
- Blue (54%)



- Red (91%)
- Yellow (28%)
- Blue (54%)



- Cyan (0%)
- Magenta (69%)
- Yellow (40%)
- Black (9%)



- Cyan (9%)
- Magenta (72%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.0650, 73.5780, 54.2340 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 127.0650, 73.5780, 54.2340 by changing the saturation by 10% instead.

127.0650, 73.5780,
54.2340

127.0650, 73.5780,
54.2340

255.0000, -0.0000,
-0.0000

95.2870, 73.0730,
57.8810

174.9160, 54.6440,
44.9480

60.8620, 73.0720,
63.4080

194.5440, 37.9560,
39.0120

49.5690, 63.1710,
50.1070

214.8730, 20.6720,
32.8640

38.0910, 52.3530,
36.9050

233.2810, 10.1750,
19.3510

27.4390, 42.0850,
24.7490

250.8910, 1.9250,
3.6610

16.6730, 32.1380,
12.2820

2.9900, 5.9600,

2.1200

■ 0.0000, 0.0000,
0.0000

■ 127.0650, 73.5780,
54.2340

■ 127.0650, 73.5780,
54.2340

■ 112.0820, 84.0760,
62.2200

■ 142.1620, 62.7590,
46.5590

■ 96.9850, 94.8950,
69.8950

■ 157.1450, 52.2610,
38.5730

■ 82.0020, 105.3930,
77.8810

■ 172.2420, 41.4420,
30.8980

■ 80.0130, 106.8600,
78.8280

■ 187.2250, 30.9440,
22.9120

■ 202.3220, 20.1250,
15.2370

217.8920, 9.3520,
6.7280

232.9890, -1.4670,
-0.9470

246.7980,
-11.4150, -7.8870

247.8240,
-14.3040, -5.0880

Harmonies

Analogous

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



134.9200, 31.6260, 54.6180



127.0650, 73.5780, 54.2340



125.9640, 89.0790, 32.1110

Triad

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



127.0650, 73.5780, 54.2340



117.6670, 20.8250, -52.5430



116.7320, -116.5010, -8.7010

Complementary

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



127.0650, 73.5780, 54.2340



175.9350, -73.5780, -54.2340

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.



114.6510, -103.7520, -25.0000



127.0650, 73.5780, 54.2340



98.9650, -65.0950, -59.2950

Square

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



127.0650, 73.5780, 54.2340



124.7480, 60.8020, -33.6460



108.0390, -85.1340, -43.0380



111.0390, -118.3830, 3.3850

Rectangle

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



127.0650, 73.5780, 54.2340



127.4680, 86.6990, 9.1550



108.0390, -85.1340, -43.0380



116.4240, -112.8780, -13.7900

Sweetspot

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



127.0650, 73.5780, 54.2340



219.7680, 24.8010, 18.6010



117.9330, 4.3890, 69.1650



107.0500, 14.8990, 10.8270



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.



127.0650, 73.5780, 54.2340



116.4200, 98.1040, 72.3120



127.1720, 91.1890, 26.9090



107.1580, 5.5470, 4.0990



61.9570, 82.9300, 60.9620



17.6430, 23.6550, 17.3430

Inverse Universe

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



127.0650, 73.5780, 54.2340



116.4200, 98.1040, 72.3120



175.8280, -91.1890, -26.9090



107.1580, 5.5470, 4.0990



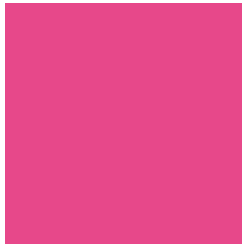
61.9570, 82.9300, 60.9620



17.6430, 23.6550, 17.3430

Previews

White Background



This preview shows how the YIQ color 127.0650, 73.5780, 54.2340 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 127.0650, 73.5780, 54.2340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

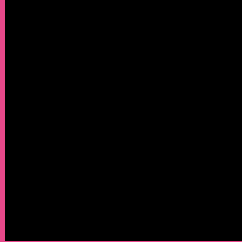
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.0650, 73.5780, 54.2340

Background



This preview shows how black text looks on a background with the YIQ color 127.0650, 73.5780, 54.2340.



This preview shows how white text looks on a background with the YIQ color 127.0650, 73.5780,

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

127.0650, 73.5780, 54.2340

Protanopia

134.0260, -20.0840, 11.5640

Deuteranopia

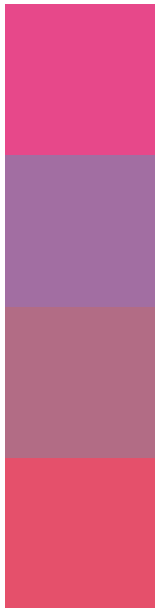
134.7950, 11.0030, 4.3390



Tritanopia

127.6260, 84.2190, 32.0830

Trichromacy



Original Color

127.0650, 73.5780, 54.2340

Protanomaly

131.4760, 14.3000, 27.1960

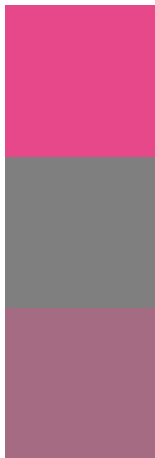
Deuteranomaly

131.7800, 33.6950, 22.6150

Tritanomaly

127.6290, 80.1370, 39.9850

Monochromacy



Original Color

127.0650, 73.5780, 54.2340

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.0780, 26.8640, 19.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.0650, 73.5780, 54.2340 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(231, 72, 138)` looks like.

```
.text, #text, p{  
    color:rgb(231, 72, 138)  
}
```

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(231, 72, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 72, 138) }
```

Border

The CSS property to change the border of an element to YIQ 127.0650, 73.5780, 54.2340 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(231, 72, 138) }
```


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

```
.border{ border-color:rgb(231, 72, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 72, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 72, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 72, 138);  
box-shadow:4px 4px 4px 4px rgb(231, 72,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 127.0650, 73.5780, 54.2340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 72, 138) }
```

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

```
.background{ background-color: rgb(231, 72,  
138) }
```

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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