

Converting Colors

YIQ(174.2930, 45.4320, 24.6640)

Have a look what the booklet for
YIQ(174.2930, 45.4320, 24.6640)
contains.

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Color

**YIQ(174.2930, 45.4320,
24.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	E992A6
RGB	233, 146, 166
RGB Percent	91%, 57%, 65%
CMY	0.0861, 0.4276, 0.3489
CMYK	0.00, 0.37, 0.29, 0.09
HSL	346°, 66%, 74%
HSV	346°, 37%, 91%
XYZ	50.7826, 40.6343, 41.2633
YIQ	174.2930, 45.4320, 24.6640

Conversions

Conversions Part 2

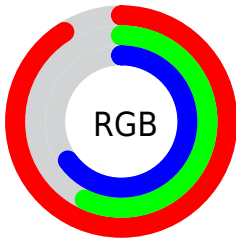
Format	Color
R _Y B	233, 146, 166
Decimal	15307430
CIE Lab	69.92, 35.38, 3.40
CIE LCh	70, 35.545, 5.495
Yxy	40.6343, 0.3827, 0.3063
Android (android.graphics.Color)	4293497510 (0xFFE992A6)
YUV	174.2930, -4.0884, 51.4860
Hunter-Lab	63.7450, 30.6486, 6.2421

Details

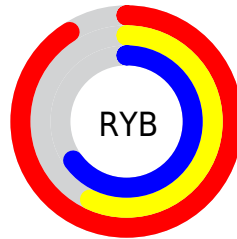
The YIQ color **174.2930, 45.4320, 24.6640** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **204.7070, -45.4320, -24.6640**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.4260, 25.7640, 17.6680**, and **120.4990, 41.8560, 23.3920** is the 20% darker color. If you saturate the color by 10%, you get **158.7400, 57.5350, 31.0950**, and if you desaturate by 10%, it is **189.8460, 33.3290, 18.2330**.

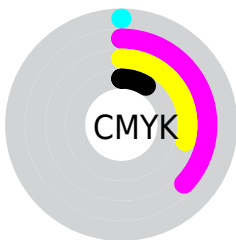
Distribution



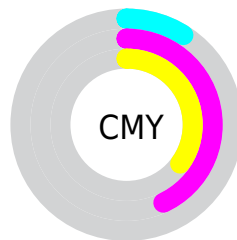
- Red (91%)
- Green (57%)
- Blue (65%)



- Red (91%)
- Yellow (57%)
- Blue (65%)



- Cyan (0%)
- Magenta (37%)
- Yellow (29%)
- Black (9%)





- Cyan (9%)
- Magenta (43%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 174.2930, 45.4320, 24.6640 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 174.2930, 45.4320, 24.6640 by changing the saturation by 10% instead.


 174.2930, 45.4320,
24.6640


 174.2930, 45.4320,
24.6640


255.0000, -0.0000,
-0.0000


 147.3960, 43.6440,
24.0280


 219.4260, 25.7640,
17.6680


 120.4990, 41.8560,
23.3920

 239.1680, 8.7550,
12.0430

 94.7160, 39.7470,
23.0670

 69.2320, 38.2340,
22.9540

 43.3890, 36.3540,
23.9860

 22.7690, 32.2280,
21.6680

 13.9820, 26.7740,

10.3740

■ 0.0000, 0.0000,
0.0000

■ 174.2930, 45.4320,
24.6640

■ 174.2930, 45.4320,
24.6640

■ 158.7400, 57.5350,
31.0950

■ 189.8460, 33.3290,
18.2330

■ 142.6000, 69.9130,
38.0490

■ 205.9860, 20.9510,
11.2790

■ 127.0470, 82.0160,
44.4800

■ 221.5390, 8.8480,
4.8480

■ 111.4940, 94.1190,
50.9110

■ 237.0920, -3.2550,
-1.5830

■ 95.3540, 106.4970,
57.8650

■ 248.4220,
-13.1120, -4.6640

■ 79.8010, 118.6000,
64.2960

■ 75.8230, 121.5340,
66.1900

Harmonies

Analogous

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



175.5050, 24.5240, 29.1320



174.2930, 45.4320, 24.6640



172.8080, 53.6870, 12.7190

Triad

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



174.2930, 45.4320, 24.6640



164.4460, 3.5350, -25.5290



156.8710, -74.4120, -6.0600

Complementary

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



174.2930, 45.4320, 24.6640



204.7070, -45.4320, -24.6640

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.



147.7190, -89.2640, -23.2480



174.2930, 45.4320, 24.6640



159.2710, -29.7050, -28.8490

Square

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



174.2930, 45.4320, 24.6640



168.3740, 30.4010, -16.8230



151.9480, -65.2840, -28.3240



168.1190, -42.2750, 11.7490

Rectangle

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



174.2930, 45.4320, 24.6640



171.5160, 51.2130, 2.4850



151.9480, -65.2840, -28.3240



153.1640, -82.8470, -12.8870

Sweetspot

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



174.2930, 45.4320, 24.6640



236.0560, 14.7620, 7.8020



175.9510, 12.0050, 41.2610



116.5390, 8.8480, 4.8480



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.



174.2930, 45.4320, 24.6640



177.4630, 59.8730, 32.7770



185.5140, 45.5270, 6.4150



109.5170, 5.9140, 2.9540



58.9070, 94.3940, 51.4340



17.5140, 28.3320, 15.1800

Inverse Universe

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



174.2930, 45.4320, 24.6640



177.4630, 59.8730, 32.7770



193.4860, -45.5270, -6.4150



109.5170, 5.9140, 2.9540



58.9070, 94.3940, 51.4340



17.5140, 28.3320, 15.1800

Previews

White Background



This preview shows how the YIQ color 174.2930, 45.4320, 24.6640 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 174.2930, 45.4320, 24.6640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

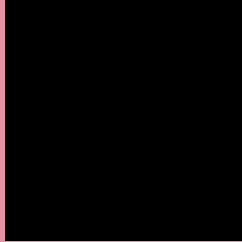
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.2930, 45.4320, 24.6640

Background



This preview shows how black text looks on a background with the YIQ color 174.2930, 45.4320, 24.6640.



This preview shows how white text looks on a background with the YIQ color 174.2930, 45.4320,

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

174.2930, 45.4320, 24.6640

Protanopia

171.7380, -2.0180, 3.5340

Deuteranopia

172.5460, 16.1380, 4.8900



Tritanopia

173.6690, 47.1290, 21.4410

Trichromacy



Original Color

174.2930, 45.4320, 24.6640

Protanomaly

172.4630, 15.1740, 11.3500

Deuteranomaly

173.0360, 26.6820, 12.0420

Tritanomaly

174.0110, 46.1660, 22.3740

Monochromacy



Original Color

174.2930, 45.4320, 24.6640

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

174.0670, 16.2290, 8.7490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.2930, 45.4320, 24.6640 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(233, 146, 166)` looks like.

```
.text, #text, p{  
    color:rgb(233, 146, 166)  
}
```

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(233, 146, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 146, 166) }
```

Border

The CSS property to change the border of an element to YIQ 174.2930, 45.4320, 24.6640 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(233, 146, 166) }
```


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

```
.border{ border-color:rgb(233, 146, 166) }
```

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

Here you see how a box with a 4 pixel rgb(233, 146, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 146, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 146, 166);  
box-shadow:4px 4px 4px 4px rgb(233, 146,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 174.2930, 45.4320, 24.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 146, 166) }
```

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

```
.background{ background-color: rgb(233,  
146, 166) }
```

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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