

Converting Colors

YIQ(176.9400, 44.9280, 22.7840)

Have a look what the booklet for
YIQ(176.9400, 44.9280, 22.7840)
contains.

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Color

**YIQ(176.9400, 44.9280,
22.7840)**

Conversions

Conversions Part 1

Format	Color
Hex	EA96A6
RGB	234, 150, 166
RGB Percent	92%, 59%, 65%
CMY	0.0821, 0.4119, 0.3488
CMYK	0.00, 0.36, 0.29, 0.08
HSL	349°, 67%, 75%
HSV	349°, 36%, 92%
XYZ	51.7368, 42.0576, 41.4879
YIQ	176.9400, 44.9280, 22.7840

Conversions

Conversions Part 2

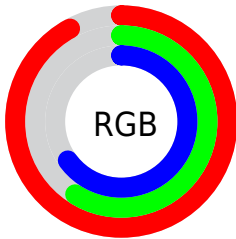
Format	Color
R_{YB}	234, 150, 166
Decimal	15373990
CIE _{Lab}	70.91, 33.63, 4.85
CIE _{LCh}	71, 33.981, 8.209
Yxy	42.0576, 0.3824, 0.3109
Android (android.graphics.Color)	4293564070 (0xFFEA96A6)
YUV	176.9400, -5.3934, 50.0416
Hunter-Lab	64.8519, 28.9109, 7.4666

Details

The YIQ color **176.9400, 44.9280, 22.7840** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **207.0600, -44.9280, -22.7840**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **221.7740, 24.6640, 15.5760**, and **123.1460, 41.3520, 21.5120** is the 20% darker color. If you saturate the color by 10%, you get **161.2730, 57.3520, 28.9040**, and if you desaturate by 10%, it is **192.6070, 32.5040, 16.6640**.

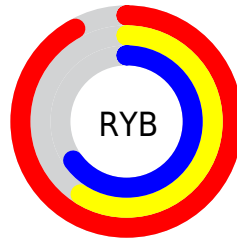
Distribution



Red (92%)

Green (59%)

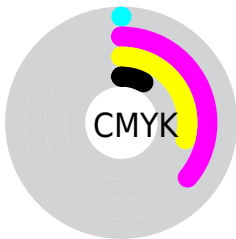
Blue (65%)



Red (92%)

Yellow (59%)

Blue (65%)

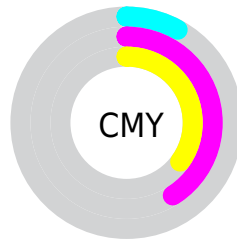


Cyan (0%)

Magenta (36%)

Yellow (29%)

Black (8%)



Cyan (8%)


Magenta (41%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.9400, 44.9280, 22.7840 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 176.9400, 44.9280, 22.7840 by changing the saturation by 10% instead.


 176.9400, 44.9280,
22.7840


 176.9400, 44.9280,
22.7840


255.0000, -0.0000,
-0.0000


 150.0430, 43.1400,
22.1480


 221.7740, 24.6640,
15.5760


 123.1460, 41.3520,
21.5120

 242.1030, 7.3800,
9.4280

 97.3630, 39.2430,
21.1870

 71.8790, 37.7300,
21.0740

 46.6230, 35.5750,
21.5830

 23.0680, 32.8240,
21.8800

 14.1670, 27.6910,

10.2750

■ 0.0000, 0.0000,
0.0000

■ 176.9400, 44.9280,
22.7840

■ 176.9400, 44.9280,
22.7840

■ 161.2730, 57.3520,
28.9040

■ 192.6070, 32.5040,
16.6640

■ 145.0190, 70.0510,
35.5470

■ 208.8610, 19.8050,
10.0210

■ 129.3520, 82.4750,
41.6670

■ 224.5280, 7.3810,
3.9010

■ 113.0980, 95.1740,
48.3100

■ 240.7820, -5.3180,
-2.7420

■ 97.4310, 107.5980,
54.4300

■ 248.7210,
-12.5160, -4.4520

■ 81.7640, 120.0220,
60.5500

■ 75.0960, 125.0190,
63.6030

Harmonies

Analogous

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



178.0490, 25.8080, 27.8880



176.9400, 44.9280, 22.7840



175.0850, 51.3490, 11.0370

Triad

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



176.9400, 44.9280, 22.7840



167.0050, 0.4630, -24.9210



162.3450, -66.9390, -3.8270

Complementary

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



176.9400, 44.9280, 22.7840



207.0600, -44.9280, -22.7840

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.



154.4320, -80.9660, -19.4460



176.9400, 44.9280, 22.7840



162.4280, -31.5850, -27.8170

Square

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



176.9400, 44.9280, 22.7840



170.5200, 27.0540, -16.7380



155.7850, -63.2670, -26.3310



171.8700, -37.1400, 12.3000

Rectangle

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



176.9400, 44.9280, 22.7840



173.9070, 48.5540, 1.1140



155.7850, -63.2670, -26.3310



158.7630, -74.2280, -9.3960

Sweetspot

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



176.9400, 44.9280, 22.7840



235.9420, 15.0830, 7.4910



179.6090, 12.9680, 40.3280



116.4250, 9.1690, 4.5370



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.



176.9400, 44.9280, 22.7840



180.2840, 58.8190, 29.8510



189.7910, 43.1890, 4.7330



109.5170, 5.9140, 2.9540



58.1090, 96.6410, 49.2570



17.2860, 28.9740, 14.5580

Inverse Universe

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



176.9400, 44.9280, 22.7840



180.2840, 58.8190, 29.8510



194.2090, -43.1890, -4.7330



109.5170, 5.9140, 2.9540



58.1090, 96.6410, 49.2570



17.2860, 28.9740, 14.5580

Previews

White Background



This preview shows how the YIQ color 176.9400, 44.9280, 22.7840 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 176.9400, 44.9280, 22.7840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

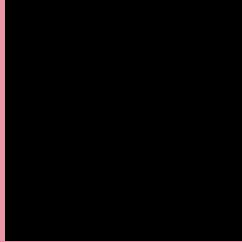
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.9400, 44.9280, 22.7840

Background



This preview shows how black text looks on a background with the YIQ color 176.9400, 44.9280, 22.7840.



This preview shows how white text looks on a background with the YIQ color 176.9400, 44.9280,

22.7840.

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

176.9400, 44.9280, 22.7840

Protanopia

174.5810, -0.1380, 2.5020

Deuteranopia

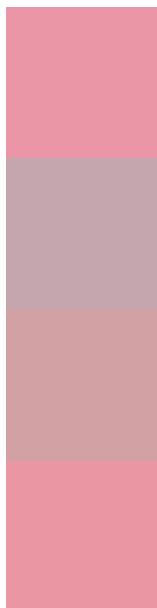
175.5030, 17.6970, 4.1690



Tritanopia

177.0710, 45.9370, 21.0170

Trichromacy



Original Color

176.9400, 44.9280, 22.7840

Protanomaly

175.5940, 16.1830, 9.5830

Deuteranomaly

175.6940, 27.6450, 11.1090

Tritanomaly

177.1850, 45.6160, 21.3280

Monochromacy



Original Color

176.9400, 44.9280, 22.7840

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

176.9530, 16.5500, 8.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.9400, 44.9280, 22.7840 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(234, 150, 166)` looks like.

```
.text, #text, p{  
    color:rgb(234, 150, 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(234, 150, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 150, 166) }
```

Border

The CSS property to change the border of an element to YIQ 176.9400, 44.9280, 22.7840 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(234, 150, 166) }
```


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

```
.border{ border-color:rgb(234, 150, 166) }
```

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

Here you see how a box with a 4 pixel rgb(234, 150, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 150, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 150, 166);  
box-shadow:4px 4px 4px 4px rgb(234, 150,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 176.9400, 44.9280, 22.7840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 150, 166) }
```

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

```
.background{ background-color: rgb(234,  
150, 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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