

Converting Colors

YIQ(186.8940, 33.3740, 22.9260)

Have a look what the booklet for
YIQ(186.8940, 33.3740, 22.9260)
contains.

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Color

**YIQ(186.8940, 33.3740,
22.9260)**

Conversions

Conversions Part 1

Format	Color
Hex	E9A3BD
RGB	233, 163, 189
RGB Percent	91%, 64%, 74%
CMY	0.0861, 0.3609, 0.2587
CMYK	0.00, 0.30, 0.19, 0.09
HSL	338°, 61%, 78%
HSV	338°, 30%, 91%
XYZ	55.8999, 47.1908, 54.3229
YIQ	186.8940, 33.3740, 22.9260

Conversions

Conversions Part 2

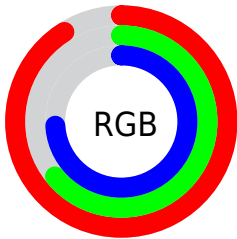
Format	Color
R_{YB}	233, 163, 189
Decimal	15311805
CIE _{Lab}	74.31, 29.64, -2.92
CIE _{LCh}	74, 29.785, 354.384
Yxy	47.1908, 0.3551, 0.2998
Android (android.graphics.Color)	4293501885 (0xFFE9A3BD)
YUV	186.8940, 1.0383, 40.4350
Hunter-Lab	68.6956, 25.0342, 1.2017

Details

The YIQ color **186.8940, 33.3740, 22.9260** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **209.1060, -33.3740, -22.9260**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.1410, 13.3850, 16.2410**, and **132.6980, 30.9900, 22.0780** is the 20% darker color. If you saturate the color by 10%, you get **171.6830, 44.5140, 30.2900**, and if you desaturate by 10%, it is **202.1050, 22.2340, 15.5620**.

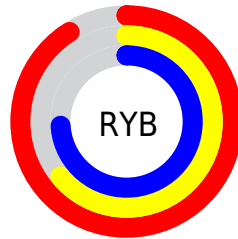
Distribution



Red (91%)

Green (64%)

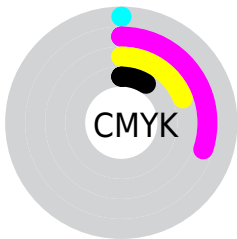
Blue (74%)



Red (91%)

Yellow (64%)

Blue (74%)

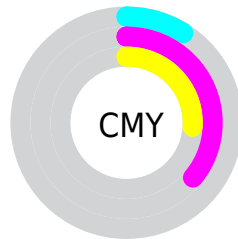


Cyan (0%)

Magenta (30%)

Yellow (19%)

Black (9%)



Cyan (9%)


Magenta (36%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 186.8940, 33.3740, 22.9260 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 186.8940, 33.3740, 22.9260 by changing the saturation by 10% instead.

 186.8940, 33.3740,
22.9260

 186.8940, 33.3740,
22.9260


255.0000, -0.0000,
-0.0000


 159.2960, 32.1820,
22.5020


 232.1410, 13.3850,
16.2410


 132.6980, 30.9900,
22.0780

 250.3040, 2.2000,
4.1840

 106.9860, 30.1190,
21.3430

 82.0890, 28.3310,
20.7070

 57.6050, 26.8180,
20.5940

 33.5340, 25.5800,
21.0040

 16.4470, 21.2710,

16.4950

■ 3.8870, 7.7480,
2.7560

■ 0.0000, 0.0000,
0.0000

■ 186.8940, 33.3740,
22.9260

■ 186.8940, 33.3740,
22.9260

■ 171.6830, 44.5140,
30.2900

■ 202.1050, 22.2340,
15.5620

■ 155.9990, 55.6080,
38.4880

■ 217.7890, 11.1400,
7.3640

■ 140.7880, 66.7480,
45.8520

■ 233.0000, -0.0000,
-0.0000

■ 125.5770, 77.8880,
53.2160

■ 247.6240,
-10.8650, -6.8410

■ 109.8930, 88.9820,
61.4140

■ 248.4220,
-13.1120, -4.6640

■ 94.6820, 100.1220,
68.7780

■ 79.5850, 110.9410,
76.4530

Harmonies

Analogous

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



186.8130, 11.7330, 24.1570



186.8940, 33.3740, 22.9260



185.7840, 45.0670, 14.7550

Triad

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



186.8940, 33.3740, 22.9260



178.9250, 12.6120, -19.3240



171.6350, -62.1240, -8.4920

Complementary

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



186.8940, 33.3740, 22.9260



209.1060, -33.3740, -22.9260

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.



168.7840, -61.5260, -19.3340



186.8940, 33.3740, 22.9260



174.9310, -13.8880, -23.6480

Square

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



186.8940, 33.3740, 22.9260



181.5580, 33.0590, -9.9250



171.2730, -41.2140, -24.0140



178.6470, -44.0620, 5.5860

Rectangle

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



186.8940, 33.3740, 22.9260



184.9270, 45.8020, 6.9380



171.2730, -41.2140, -24.0140



170.3310, -64.3240, -12.6760

Sweetspot

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



186.8940, 33.3740, 22.9260



239.9030, 10.8190, 7.6750



183.8370, 3.1580, 30.8860



118.1690, 7.0140, 5.0460



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.



186.8940, 33.3740, 22.9260



194.3840, 43.9180, 30.0780



188.6260, 39.5200, 10.6560



109.7450, 5.2720, 3.5760



61.7570, 86.3690, 59.2090



18.4260, 25.7640, 17.6680

Inverse Universe

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



186.8940, 33.3740, 22.9260



194.3840, 43.9180, 30.0780



207.3740, -39.5200, -10.6560



109.7450, 5.2720, 3.5760



61.7570, 86.3690, 59.2090



18.4260, 25.7640, 17.6680

Previews

White Background



This preview shows how the YIQ color 186.8940, 33.3740, 22.9260 looks on a white background.

Color Contrast Check

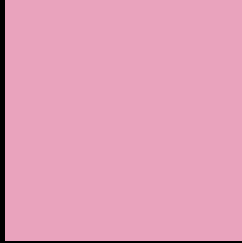
Large Text (above 18pt) WCAG AA × Fail

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 186.8940, 33.3740, 22.9260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

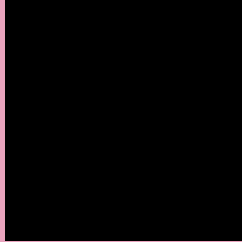
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.8940, 33.3740, 22.9260

Background



This preview shows how black text looks on a background with the YIQ color 186.8940, 33.3740, 22.9260.



This preview shows how white text looks on a background with the YIQ color 186.8940, 33.3740,

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

186.8940, 33.3740, 22.9260

Protanopia

183.8670, -6.6950, 5.6970

Deuteranopia

184.6040, 10.2230, 7.4630



Tritanopia

186.5150, 35.7590, 18.2470

Trichromacy



Original Color

186.8940, 33.3740, 22.9260

Protanomaly

184.9830, 7.8380, 12.1420

Deuteranomaly

185.3710, 18.4290, 12.9330

Tritanomaly

186.3840, 34.7500, 20.0140

Monochromacy



Original Color

186.8940, 33.3740, 22.9260

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.9140, 12.2860, 8.6220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.8940, 33.3740, 22.9260 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, 163, 189)` looks like.

```
.text, #text, p{  
    color:rgb(233, 163, 189)  
}
```

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, 163, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 163, 189) }
```

Border

The CSS property to change the border of an element to YIQ 186.8940, 33.3740, 22.9260 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, 163, 189) }
```


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

```
.border{ border-color:rgb(233, 163, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 163, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 163, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 163, 189);  
box-shadow:4px 4px 4px 4px rgb(233, 163,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 186.8940, 33.3740, 22.9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 163, 189) }
```

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

```
.background{ background-color: rgb(233,  
163, 189) }
```

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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