

Converting Colors

YIQ(174.7520, 40.0660, 33.8100)

Have a look what the booklet for
YIQ(174.7520, 40.0660, 33.8100)
contains.

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Color

**YIQ(174.7520, 40.0660,
33.8100)**

Conversions

Conversions Part 1

Format	Color
Hex	EA8EBC
RGB	234, 142, 188
RGB Percent	92%, 56%, 74%
CMY	0.0821, 0.4433, 0.2626
CMYK	0.00, 0.39, 0.20, 0.08
HSL	330°, 69%, 74%
HSV	330°, 39%, 92%
XYZ	52.7002, 40.4698, 52.6286
YIQ	174.7520, 40.0660, 33.8100

Conversions

Conversions Part 2

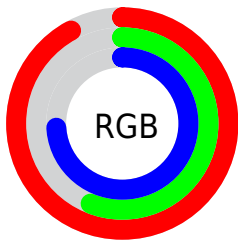
Format	Color
R_{YB}	234, 142, 188
Decimal	15371964
CIE _{Lab}	69.80, 40.93, -9.02
CIE _{LCh}	70, 41.909, 347.568
Yxy	40.4698, 0.3615, 0.2776
Android (android.graphics.Color)	4293562044 (0xFFEA8EBC)
YUV	174.7520, 6.5313, 51.9605
Hunter-Lab	63.6159, 36.5437, -4.5187

Details

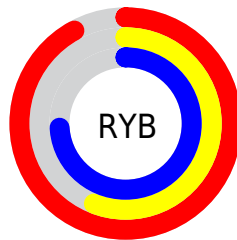
The YIQ color **174.7520, 40.0660, 33.8100** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **201.2480, -40.0660, -33.8100**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.7000, 19.4810, 26.9130**, and **120.2570, 37.0860, 32.7500** is the 20% darker color. If you saturate the color by 10%, you get **159.8830, 50.2430, 42.1070**, and if you desaturate by 10%, it is **189.6210, 29.8890, 25.5130**.

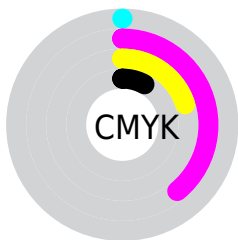
Distribution



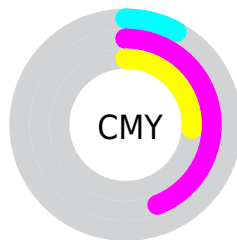
- Red (92%)
- Green (56%)
- Blue (74%)



- Red (92%)
- Yellow (56%)
- Blue (74%)



- Cyan (0%)
- Magenta (39%)
- Yellow (20%)
- Black (8%)





- Cyan (8%)
- Magenta (44%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 174.7520, 40.0660, 33.8100 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 174.7520, 40.0660, 33.8100 by changing the saturation by 10% instead.


 174.7520, 40.0660,
33.8100

 174.7520, 40.0660,
33.8100


255.0000, -0.0000,
-0.0000


 147.1540, 38.8740,
33.3860


 219.7000, 19.4810,
26.9130


 120.5560, 37.6820,
32.9620

 237.9770, 7.9750,
15.1670

 94.5450, 36.2150,
32.0150

 68.1750, 34.3810,
32.2130

 40.1690, 34.5180,
35.2380

 25.1910, 28.2840,
27.0680

 16.3330, 21.5920,

16.1840

■ 0.0000, 0.0000,
0.0000

■ 174.7520, 40.0660,
33.8100

■ 174.7520, 40.0660,
33.8100

■ 159.8830, 50.2430,
42.1070

■ 189.6210, 29.8890,
25.5130

■ 144.5410, 60.3740,
51.2380

■ 204.9630, 19.7580,
16.3820

■ 129.6720, 70.5510,
59.5350

■ 219.8320, 9.5810,
8.0850

■ 114.2160, 81.0030,
68.3550

■ 235.2880, -0.8710,
-0.7350

■ 99.4610, 90.8590,
76.9630

■ 247.8090, -9.9480,
-6.9400

■ 84.5920, 101.0360,
85.2600

■ 248.7210,
-12.5160, -4.4520

■ 83.3040, 101.9070,
85.9950

Harmonies

Analogous

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



174.9300, 7.3300, 32.3700



174.7520, 40.0660, 33.8100



172.8230, 58.4990, 24.6350

Triad

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



174.7520, 40.0660, 33.8100



165.3960, 24.1670, -24.9930



135.5330, -123.9710, -27.5150

Complementary

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



174.7520, 40.0660, 33.8100



201.2480, -40.0660, -33.8100

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.



134.0050, -114.1570, -40.1810



174.7520, 40.0660, 33.8100



160.0310, -11.5940, -32.1860

Square

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



174.7520, 40.0660, 33.8100



169.1160, 48.9230, -11.0850



151.6960, -56.0670, -35.6750



156.5100, -80.4650, -0.9850

Rectangle

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



174.7520, 40.0660, 33.8100



171.5270, 61.8480, 13.4960



151.6960, -56.0670, -35.6750



135.5670, -121.3110, -31.6710

Sweetspot

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



174.7520, 40.0660, 33.8100



235.0930, 13.3400, 11.5480



165.6440, -3.3080, 37.9400



116.4080, 7.8390, 6.6150



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.



174.7520, 40.0660, 33.8100



177.7200, 52.2600, 44.1000



169.7360, 54.1900, 20.1260



109.8590, 4.9510, 3.8870



64.4930, 78.6650, 66.6730



19.2240, 23.5170, 19.8450

Inverse Universe

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



174.7520, 40.0660, 33.8100



177.7200, 52.2600, 44.1000



206.3780, -54.5110, -19.8150



109.8590, 4.9510, 3.8870



64.4930, 78.6650, 66.6730



19.2240, 23.5170, 19.8450

Previews

White Background



This preview shows how the YIQ color 174.7520, 40.0660, 33.8100 looks on a white background.

Color Contrast Check

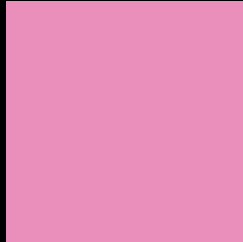
Large Text (above 18pt) WCAG AA × Fail

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 174.7520, 40.0660, 33.8100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

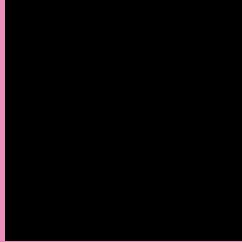
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.7520, 40.0660, 33.8100

Background



This preview shows how black text looks on a background with the YIQ color 174.7520, 40.0660, 33.8100.



This preview shows how white text looks on a background with the YIQ color 174.7520, 40.0660,

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

174.7520, 40.0660, 33.8100

Protanopia

171.4240, -15.4530, 10.2350

Deuteranopia

172.8360, 3.7580, 8.9900



Tritanopia

173.3700, 46.5330, 21.2290

Trichromacy



Original Color

174.7520, 40.0660, 33.8100



Protanomaly

172.5300, 5.0400, 18.8000



Deuteranomaly

173.3480, 17.2360, 18.0360



Tritanomaly

173.7490, 44.1480, 25.9080

Monochromacy



Original Color

174.7520, 40.0660, 33.8100



Achromatopsia

175.0000, -0.0000, -0.0000



Achromatomaly

174.8050, 14.2110, 12.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.7520, 40.0660, 33.8100 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, 142, 188)` looks like.

```
.text, #text, p{  
    color:rgb(234, 142, 188)  
}
```

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, 142, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 142, 188) }
```

Border

The CSS property to change the border of an element to YIQ 174.7520, 40.0660, 33.8100 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, 142, 188) }
```


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

```
.border{ border-color:rgb(234, 142, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 142, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 142, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 142, 188);  
box-shadow:4px 4px 4px 4px rgb(234, 142,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 174.7520, 40.0660, 33.8100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 142, 188) }
```

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

```
.background{ background-color: rgb(234,  
142, 188) }
```

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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