

Converting Colors

YIQ(187.3380, 32.3640, 30.2200)

Have a look what the booklet for
YIQ(187.3380, 32.3640, 30.2200)
contains.

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Color

**YIQ(187.3380, 32.3640,
30.2200)**

Conversions

Conversions Part 1

Format	Color
Hex	ED9FCB
RGB	237, 159, 203
RGB Percent	93%, 62%, 80%
CMY	0.0704, 0.3766, 0.2038
CMYK	0.00, 0.33, 0.14, 0.07
HSL	326°, 69%, 78%
HSV	326°, 33%, 93%
XYZ	58.1181, 47.1119, 62.5453
YIQ	187.3380, 32.3640, 30.2200

Conversions

Conversions Part 2

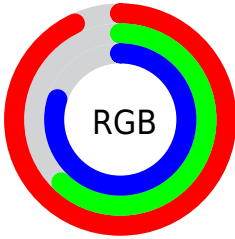
Format	Color
R _{YB}	237, 159, 203
Decimal	15572939
CIE _{Lab}	74.26, 35.33, -10.63
CIE _{LCh}	74, 36.894, 343.251
Yxy	47.1119, 0.3464, 0.2808
Android (android.graphics.Color)	4293763019 (0xFFED9FCB)
YUV	187.3380, 7.7214, 43.5536
Hunter-Lab	68.6381, 31.0251, -5.9804

Details

The YIQ color **187.3380, 32.3640, 30.2200** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **208.6620, -32.3640, -30.2200**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.5200, 11.0000, 20.9200**, and **133.0280, 30.3010, 29.0610** is the 20% darker color. If you saturate the color by 10%, you get **172.1100, 42.1740, 39.6620**, and if you desaturate by 10%, it is **202.5660, 22.5540, 20.7780**.

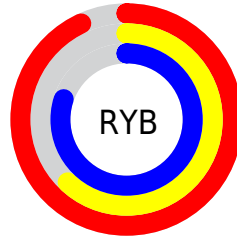
Distribution



Red (93%)

Green (62%)

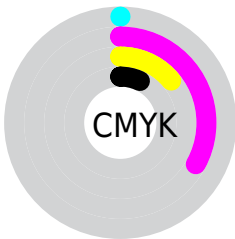
Blue (80%)



Red (93%)

Yellow (62%)

Blue (80%)

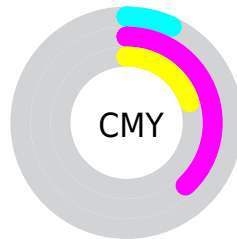


Cyan (0%)

Magenta (33%)

Yellow (14%)

Black (7%)



Cyan (7%)


Magenta (38%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.3380, 32.3640, 30.2200 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 187.3380, 32.3640, 30.2200 by changing the saturation by 10% instead.

 187.3380, 32.3640,
30.2200

 187.3380, 32.3640,
30.2200


255.0000, -0.0000,
-0.0000


 159.7400, 31.1720,
29.7960


 230.9330, 11.2750,
21.4430


 133.0280, 30.3010,
29.0610

 247.9560, 3.3000,
6.2760

 107.0170, 28.8340,
28.1140

 81.4190, 27.6420,
27.6900

 56.8210, 26.4500,
27.2660

 30.4020, 26.3120,
29.7680

 18.4840, 19.8490,

20.2410

■ 6.8060, 12.4700,
5.2860

■ 0.0000, 0.0000,
0.0000

■ 187.3380, 32.3640,
30.2200

■ 187.3380, 32.3640,
30.2200

■ 172.1100, 42.1740,
39.6620

■ 202.5660, 22.5540,
20.7780

■ 157.3550, 52.0300,
48.2700

■ 217.3210, 12.6980,
12.1700

■ 142.1270, 61.8400,
57.7120

■ 232.5490, 2.8880,
2.7280

■ 126.8990, 71.6500,
67.1540

■ 247.7770, -6.9220,
-6.7140

■ 111.5570, 81.7810,
76.2850

■ 249.6180,
-10.7280, -3.8160

■ 96.9160, 91.3160,
85.2040

■ 86.1390, 98.2380,
91.9180

Harmonies

Analogous

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



186.6580, 2.1040, 27.9600



187.3380, 32.3640, 30.2200



185.8760, 50.9800, 23.2360

Triad

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



187.3380, 32.3640, 30.2200



178.6290, 25.1290, -20.3990



160.1580, -91.8780, -19.9260

Complementary

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



187.3380, 32.3640, 30.2200



208.6620, -32.3640, -30.2200

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.



161.3750, -76.7920, -29.0160



187.3380, 32.3640, 30.2200



174.6730, -4.5340, -27.9740

Square

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



187.3380, 32.3640, 30.2200



181.9680, 46.5840, -7.2400



169.0570, -40.8460, -30.6860



171.3710, -69.8280, -1.0280

Rectangle

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



187.3380, 32.3640, 30.2200



184.5310, 56.0250, 14.4010



169.0570, -40.8460, -30.6860



159.1100, -91.9230, -24.6190

Sweetspot

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



187.3380, 32.3640, 30.2200



239.0710, 10.4060, 9.6540



178.0580, -4.7740, 31.4660



117.8100, 6.6470, 6.1910



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.



187.3380, 32.3640, 30.2200



190.1100, 42.1740, 39.6620



182.8920, 44.8830, 18.0910



109.9730, 4.6300, 4.1980



65.7470, 75.1340, 70.0940



19.5660, 22.5540, 20.7780

Inverse Universe

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



187.3380, 32.3640, 30.2200



190.1100, 42.1740, 39.6620



213.1080, -44.8830, -18.0910



109.9730, 4.6300, 4.1980



65.7470, 75.1340, 70.0940



19.5660, 22.5540, 20.7780

Previews

White Background



This preview shows how the YIQ color 187.3380, 32.3640, 30.2200 looks on a white background.

Color Contrast Check

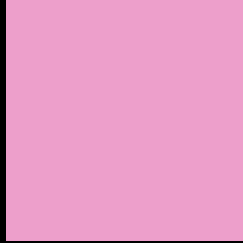
Large Text (above 18pt) WCAG AA × Fail

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 187.3380, 32.3640, 30.2200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

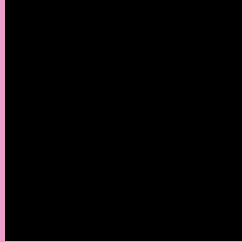
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.3380, 32.3640, 30.2200

Background



This preview shows how black text looks on a background with the YIQ color 187.3380, 32.3640, 30.2200.



This preview shows how white text looks on a background with the YIQ color 187.3380, 32.3640,

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

187.3380, 32.3640, 30.2200

Protanopia

183.7230, -14.8570, 10.4470

Deuteranopia

184.9930, 1.8780, 10.0220



Tritanopia

186.2980, 37.8680, 18.5720

Trichromacy



Original Color

187.3380, 32.3640, 30.2200



Protanomaly

185.0350, 2.0600, 17.7400



Deuteranomaly

185.7820, 13.0180, 17.3860



Tritanomaly

186.5630, 35.8040, 22.9400

Monochromacy



Original Color

187.3380, 32.3640, 30.2200



Achromatopsia

187.0000, -0.0000, -0.0000



Achromatomaly

187.1960, 11.5520, 10.9120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.3380, 32.3640, 30.2200 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(237, 159, 203)` looks like.

```
.text, #text, p{  
    color:rgb(237, 159, 203)  
}
```

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(237, 159, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 159, 203) }
```

Border

The CSS property to change the border of an element to YIQ 187.3380, 32.3640, 30.2200 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(237, 159, 203) }
```


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

```
.border{ border-color:rgb(237, 159, 203) }
```

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

Here you see how a box with a 4 pixel rgb(237, 159, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 159, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 159, 203);  
box-shadow:4px 4px 4px 4px rgb(237, 159,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 187.3380, 32.3640, 30.2200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 159, 203) }
```

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

```
.background{ background-color: rgb(237,  
159, 203) }
```

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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