

Converting Colors

YIQ(186.9640, 36.3530, 29.5130)

Have a look what the booklet for
YIQ(186.9640, 36.3530, 29.5130)
contains.

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Color

**YIQ(186.9640, 36.3530,
29.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	F09EC5
RGB	240, 158, 197
RGB Percent	94%, 62%, 77%
CMY	0.0586, 0.3805, 0.2273
CMYK	0.00, 0.34, 0.18, 0.06
HSL	331°, 73%, 78%
HSV	331°, 34%, 94%
XYZ	58.2566, 47.0096, 58.8441
YIQ	186.9640, 36.3530, 29.5130

Conversions

Conversions Part 2

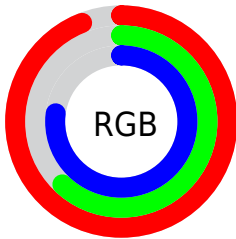
Format	Color
R_{YB}	240, 158, 197
Decimal	15769285
CIE _{Lab}	74.20, 35.95, -7.40
CIE _{LCh}	74, 36.701, 348.370
Yxy	47.0096, 0.3550, 0.2865
Android (android.graphics.Color)	4293959365 (0xFFFF09EC5)
YUV	186.9640, 4.9477, 46.5126
Hunter-Lab	68.5636, 31.6803, -2.8907

Details

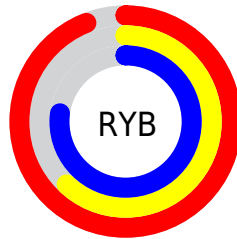
The YIQ color **186.9640, 36.3530, 29.5130** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **211.0360, -36.3530, -29.5130**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.8190, 11.5960, 21.1320**, and **132.6540, 34.2900, 28.3540** is the 20% darker color. If you saturate the color by 10%, you get **171.3940, 47.1260, 38.0220**, and if you desaturate by 10%, it is **202.5340, 25.5800, 21.0040**.

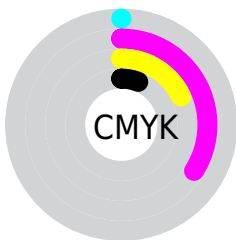
Distribution



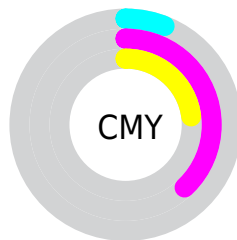
- Red (94%)
- Green (62%)
- Blue (77%)



- Red (94%)
- Yellow (62%)
- Blue (77%)



- Cyan (0%)
- Magenta (34%)
- Yellow (18%)
- Black (6%)





- Cyan (6%)
- Magenta (38%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 186.9640, 36.3530, 29.5130 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 186.9640, 36.3530, 29.5130 by changing the saturation by 10% instead.

 186.9640, 36.3530,
29.5130

 186.9640, 36.3530,
29.5130


255.0000, -0.0000,
-0.0000


 159.3660, 35.1610,
29.0890


 230.2320, 11.8710,
21.6550


 132.6540, 34.2900,
28.3540

 247.3690, 3.5750,
6.7990

 106.7570, 32.5020,
27.7180

 81.1590, 31.3100,
27.2940

 55.6750, 29.7970,
27.1810

 29.2560, 29.6590,
29.6830

 18.3270, 21.7290,

19.2090

■ 6.8770, 13.7080,
4.8760

■ 0.0000, 0.0000,
0.0000

■ 186.9640, 36.3530,
29.5130

■ 186.9640, 36.3530,
29.5130

■ 171.3940, 47.1260,
38.0220

■ 202.5340, 25.5800,
21.0040

■ 155.9380, 57.5780,
46.8420

■ 217.9900, 15.1280,
12.1840

■ 140.3680, 68.3510,
55.3510

■ 233.5600, 4.3550,
3.6750

■ 124.9120, 78.8030,
64.1710

■ 249.0160, -6.0970,
-5.1450

■ 109.3420, 89.5760,
72.6800

■ 250.5150, -8.9400,
-3.1800

■ 93.8860, 100.0280,
81.5000

■ 84.7560, 106.4460,
86.3340

Harmonies

Analogous

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



186.8220, 7.5140, 29.0340



186.9640, 36.3530, 29.5130



185.1920, 52.9060, 21.3700

Triad

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



186.9640, 36.3530, 29.5130



178.2370, 20.3610, -22.0950



161.8210, -89.3110, -16.8870

Complementary

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



186.9640, 36.3530, 29.5130



211.0360, -36.3530, -29.5130

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.



160.4500, -81.3770, -28.5210



186.9640, 36.3530, 29.5130



173.7370, -10.5860, -28.4260

Square

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



186.9640, 36.3530, 29.5130



181.5330, 43.3750, -9.6570



167.6480, -46.9440, -30.3040



173.8880, -63.9140, 1.9260

Rectangle

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



186.9640, 36.3530, 29.5130



183.9500, 56.1630, 11.8990



167.6480, -46.9440, -30.3040



159.5770, -91.7400, -22.4280

Sweetspot

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



186.9640, 36.3530, 29.5130



238.8430, 11.0480, 9.0320



179.9060, -1.2900, 34.4060



117.5820, 7.2890, 5.5690



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.



186.9640, 36.3530, 29.5130



187.0950, 46.5300, 37.8100



183.1050, 48.5970, 16.8610



112.2720, 5.2260, 4.4100



64.9340, 81.7370, 66.0650



19.8220, 24.7090, 20.2690

Inverse Universe

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



186.9640, 36.3530, 29.5130



187.0950, 46.5300, 37.8100



214.8950, -48.5970, -16.8610



112.2720, 5.2260, 4.4100



64.9340, 81.7370, 66.0650



19.8220, 24.7090, 20.2690

Previews

White Background



This preview shows how the YIQ color 186.9640, 36.3530, 29.5130 looks on a white background.

Color Contrast Check

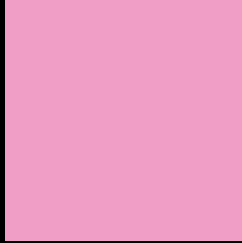
Large Text (above 18pt) WCAG AA × Fail

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 186.9640, 36.3530, 29.5130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

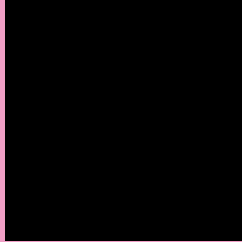
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.9640, 36.3530, 29.5130

Background



This preview shows how black text looks on a background with the YIQ color 186.9640, 36.3530, 29.5130.



This preview shows how white text looks on a background with the YIQ color 186.9640, 36.3530,

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

186.9640, 36.3530, 29.5130

Protanopia

183.3380, -12.3350, 8.7930

Deuteranopia

184.6190, 5.8670, 9.3150



Tritanopia

186.0920, 41.4440, 19.8440

Trichromacy



Original Color

186.9640, 36.3530, 29.5130



Protanomaly

184.9490, 5.1780, 16.2980



Deuteranomaly

185.4080, 17.0070, 16.6790



Tritanomaly

186.7160, 39.7470, 23.0670

Monochromacy



Original Color

186.9640, 36.3530, 29.5130



Achromatopsia

187.0000, -0.0000, -0.0000



Achromatomaly

186.6800, 13.0650, 11.0250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.9640, 36.3530, 29.5130 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(240, 158, 197)` looks like.

```
.text, #text, p{  
    color:rgb(240, 158, 197)  
}
```

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(240, 158, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 158, 197) }
```

Border

The CSS property to change the border of an element to YIQ 186.9640, 36.3530, 29.5130 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(240, 158, 197) }
```


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

```
.border{ border-color:rgb(240, 158, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 158, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 158, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 158, 197);  
box-shadow:4px 4px 4px 4px rgb(240, 158,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 186.9640, 36.3530, 29.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 158, 197) }
```

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

```
.background{ background-color: rgb(240,  
158, 197) }
```

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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