

Converting Colors

YIQ(163.1980, 35.5740, 27.1100)

Have a look what the booklet for
YIQ(163.1980, 35.5740, 27.1100)
contains.

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Color

**YIQ(163.1980, 35.5740,
27.1100)**

Conversions

Conversions Part 1

Format	Color
Hex	D688AA
RGB	214, 136, 170
RGB Percent	84%, 53%, 67%
CMY	0.1606, 0.4668, 0.3332
CMYK	0.00, 0.36, 0.21, 0.16
HSL	334°, 49%, 69%
HSV	334°, 36%, 84%
XYZ	43.8050, 34.8066, 42.4543
YIQ	163.1980, 35.5740, 27.1100

Conversions

Conversions Part 2

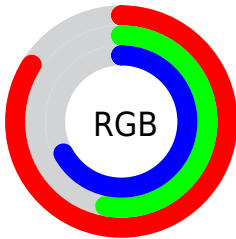
Format	Color
R_{YB}	214, 136, 170
Decimal	14059690
CIE Lab	65.60, 34.50, -5.43
CIE LCh	66, 34.927, 351.064
Yxy	34.8066, 0.3618, 0.2875
Android (android.graphics.Color)	4292249770 (0xFFD688AA)
YUV	163.1980, 3.3534, 44.5534
Hunter-Lab	58.9971, 29.2902, -1.3671

Details

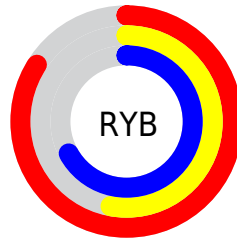
The YIQ color **163.1980, 35.5740, 27.1100** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **186.8020, -35.5740, -27.1100**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **213.4250, 27.5050, 24.6650**, and **110.5890, 32.9150, 25.7390** is the 20% darker color. If you saturate the color by 10%, you get **149.5030, 45.2010, 34.3610**, and if you desaturate by 10%, it is **176.8930, 25.9470, 19.8590**.

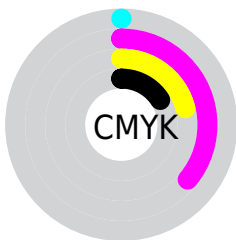
Distribution



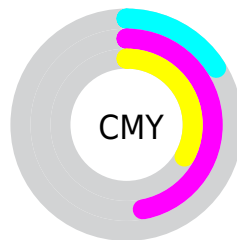
- Red (84%)
- Green (53%)
- Blue (67%)



- Red (84%)
- Yellow (53%)
- Blue (67%)



- Cyan (0%)
- Magenta (36%)
- Yellow (21%)
- Black (16%)





- Cyan (16%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.1980, 35.5740, 27.1100 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 163.1980, 35.5740, 27.1100 by changing the saturation by 10% instead.


 163.1980, 35.5740,
27.1100


 163.1980, 35.5740,
27.1100


255.0000, -0.0000,
-0.0000

 136.6000, 34.3820,
26.6860


 213.4250, 27.5050,
24.6650


 110.5890, 32.9150,
25.7390


 233.1670, 10.4960,
19.0400

 84.9910, 31.7230,
25.3150

 250.3040, 2.2000,
4.1840

 59.6210, 29.8890,
25.5130

 33.3760, 29.2010,
26.9690

 19.2240, 23.5170,
19.8450

 8.7850, 16.9630,

6.4590

■ 0.0000, 0.0000,
0.0000

■ 163.1980, 35.5740,
27.1100

■ 163.1980, 35.5740,
27.1100

■ 149.5030, 45.2010,
34.3610

■ 176.8930, 25.9470,
19.8590

■ 135.2210, 55.1030,
42.1350

■ 191.1750, 16.0450,
12.0850

■ 121.5260, 64.7300,
49.3860

■ 204.8700, 6.4180,
4.8340

■ 107.2440, 74.6320,
57.1600

■ 219.1520, -3.4840,
-2.9400

■ 93.5490, 84.2590,
64.4110

■ 232.8470,
-13.1110, -10.1910

■ 79.8540, 93.8860,
71.6620

■ 241.2590,
-20.2630, -12.7350

■ 74.5880, 97.6910,
74.2910

■ 242.7410,
-24.4360, -8.6920

Harmonies

Analogous

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



163.4370, 10.0360, 27.3800



163.1980, 35.5740, 27.1100



161.6430, 50.0180, 18.6420

Triad

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



163.1980, 35.5740, 27.1100



154.9100, 16.9680, -21.1760



138.9030, -86.6060, -16.3500

Complementary

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



163.1980, 35.5740, 27.1100



186.8020, -35.5740, -27.1100

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.



135.9060, -82.6610, -27.2770



163.1980, 35.5740, 27.1100



151.0080, -12.7870, -27.0830

Square

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



163.1980, 35.5740, 27.1100



157.9670, 39.1570, -10.3070



144.8160, -47.3570, -28.3250



151.3510, -57.9080, 3.2120

Rectangle

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



163.1980, 35.5740, 27.1100



160.4440, 51.7160, 9.8920



144.8160, -47.3570, -28.3250



135.2890, -90.8690, -21.6930

Sweetspot

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



163.1980, 35.5740, 27.1100



236.7400, 12.8360, 9.6680



157.7490, 0.5900, 33.3740



116.8810, 7.8850, 5.7810



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.



163.1980, 35.5740, 27.1100



182.0740, 51.0230, 38.9830



161.6700, 45.3880, 14.4440



99.8590, 4.9510, 3.8870



59.6790, 77.8410, 59.5770



15.0230, 19.5290, 15.0250

Inverse Universe

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



163.1980, 35.5740, 27.1100



182.0740, 51.0230, 38.9830



188.3300, -45.3880, -14.4440



99.8590, 4.9510, 3.8870



59.6790, 77.8410, 59.5770



15.0230, 19.5290, 15.0250

Previews

White Background



This preview shows how the YIQ color 163.1980, 35.5740, 27.1100 looks on a white background.

Color Contrast Check

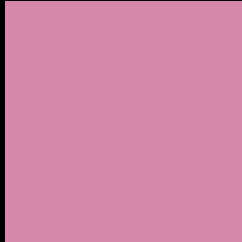
Large Text (above 18pt) WCAG AA × Fail

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 163.1980, 35.5740, 27.1100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

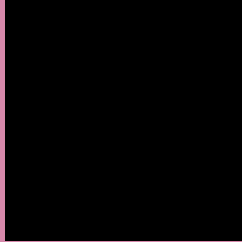
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.1980, 35.5740, 27.1100

Background



This preview shows how black text looks on a background with the YIQ color 163.1980, 35.5740, 27.1100.



This preview shows how white text looks on a background with the YIQ color 163.1980, 35.5740,

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

163.1980, 35.5740, 27.1100

Protanopia

160.0670, -10.1340, 7.4500

Deuteranopia

161.4510, 6.2800, 7.3360



Tritanopia

162.6680, 39.7020, 18.3740

Trichromacy



Original Color

163.1980, 35.5740, 27.1100



Protanomaly

161.0800, 6.1870, 14.5310



Deuteranomaly

161.9410, 16.8240, 14.4880



Tritanomaly

163.1780, 38.3260, 21.2860

Monochromacy



Original Color

163.1980, 35.5740, 27.1100



Achromatopsia

163.0000, -0.0000, -0.0000



Achromatomaly

163.1530, 13.1110, 10.1910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.1980, 35.5740, 27.1100 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(214, 136, 170)` looks like.

```
.text, #text, p{  
    color:rgb(214, 136, 170)  
}
```

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(214, 136, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 136, 170) }
```

Border

The CSS property to change the border of an element to YIQ 163.1980, 35.5740, 27.1100 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(214, 136, 170) }
```


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

```
.border{ border-color:rgb(214, 136, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 136, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 136, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 136, 170);  
box-shadow:4px 4px 4px 4px rgb(214, 136,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 163.1980, 35.5740, 27.1100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 136, 170) }
```

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

```
.background{ background-color: rgb(214,  
136, 170) }
```

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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