

Converting Colors

YIQ(187.2630, 27.7810, 19.6610)

Have a look what the booklet for
YIQ(187.2630, 27.7810, 19.6610)
contains.

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Color

**YIQ(187.2630, 27.7810,
19.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A7BE
RGB	226, 167, 190
RGB Percent	89%, 65%, 75%
CMY	0.1136, 0.3452, 0.2548
CMYK	0.00, 0.26, 0.16, 0.11
HSL	337°, 50%, 77%
HSV	337°, 26%, 89%
XYZ	54.4874, 47.5222, 55.0296
YIQ	187.2630, 27.7810, 19.6610

Conversions

Conversions Part 2

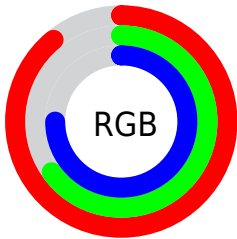
Format	Color
R _Y B	226, 167, 190
Decimal	14854078
CIE Lab	74.52, 25.17, -3.24
CIE LCh	75, 25.382, 352.675
Yxy	47.5222, 0.3470, 0.3026
Android (android.graphics.Color)	4293044158 (0xFFE2A7BE)
YUV	187.2630, 1.3493, 33.9723
Hunter-Lab	68.9364, 20.4481, 0.9262

Details

The YIQ color $187.2630, 27.7810, 19.6610$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $205.7370, -27.7810, -19.6610$, and the grayscale version is $187.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $234.6030, 11.9640, 14.4600$, and $133.3660, 25.9930, 19.0250$ is the 20% darker color. If you saturate the color by 10%, you get $172.1660, 38.6000, 27.3360$, and if you desaturate by 10%, it is $202.3600, 16.9620, 11.9860$.

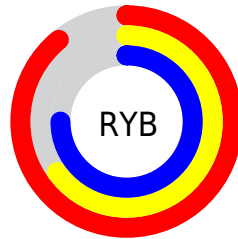
Distribution



Red (89%)

Green (65%)

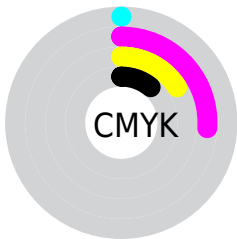
Blue (75%)



Red (89%)

Yellow (65%)

Blue (75%)

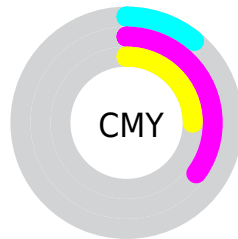


Cyan (0%)

Magenta (26%)

Yellow (16%)

Black (11%)



Cyan (11%)


Magenta (35%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 187.2630, 27.7810, 19.6610 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 187.2630, 27.7810, 19.6610 by changing the saturation by 10% instead.


 187.2630, 27.7810,
19.6610


 187.2630, 27.7810,
19.6610

255.0000, -0.0000,
-0.0000


 159.9640, 27.1850,
19.4490


 234.6030, 11.9640,
14.4600


 133.3660, 25.9930,
19.0250

 252.6520, 1.1000,
2.0920

 107.6540, 25.1220,
18.2900

 83.0560, 23.9300,
17.8660

 59.1590, 22.1420,
17.2300

 36.2620, 20.3540,
16.5940

 15.2510, 18.8870,

15.6470

■ 1.1960, 2.3840,
0.8480

■ 0.0000, 0.0000,
0.0000

■ 187.2630, 27.7810,
19.6610

■ 187.2630, 27.7810,
19.6610

■ 172.1660, 38.6000,
27.3360

■ 202.3600, 16.9620,
11.9860

■ 157.6560, 49.1440,
34.4880

■ 216.8700, 6.4180,
4.8340

■ 142.6730, 59.6420,
42.4740

■ 231.8530, -4.0800,
-3.1520

■ 128.1630, 70.1860,
49.6260

■ 245.1890,
-14.0740, -9.2580

■ 113.0660, 81.0050,
57.3010

■ 246.3290,
-17.2840, -6.1480

■ 97.9690, 91.8240,
64.9760

■ 83.5730, 102.0470,
72.4390

■ 77.6060, 106.4480,
75.2800

Harmonies

Analogous

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



187.3240, 8.6160, 20.0720



187.2630, 27.7810, 19.6610



186.0220, 38.4650, 13.2570

Triad

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



187.2630, 27.7810, 19.6610



180.1470, 12.1070, -15.6770



174.8490, -50.9830, -6.6550

Complementary

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



187.2630, 27.7810, 19.6610



205.7370, -27.7810, -19.6610

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.



172.5360, -48.9640, -15.7160



187.2630, 27.7810, 19.6610



177.1920, -10.1290, -20.1850

Square

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



187.2630, 27.7810, 19.6610



182.8720, 29.2990, -7.8610



174.3990, -32.6410, -19.6890



179.8280, -37.3220, 4.5820

Rectangle

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



187.2630, 27.7810, 19.6610



185.1050, 39.4290, 6.7970



174.3990, -32.6410, -19.6890



174.1430, -51.9910, -10.4150

Sweetspot

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



187.2630, 27.7810, 19.6610



241.8920, 9.3520, 6.7280



184.1910, 1.9210, 25.7690



119.4570, 6.1430, 4.3110



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.



187.2630, 27.7810, 19.6610



203.1550, 37.1330, 26.3890



188.1630, 33.5140, 9.3700



104.7450, 5.2720, 3.5760



60.4900, 82.7470, 58.7710



16.5180, 22.5090, 16.0850

Inverse Universe

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



187.2630, 27.7810, 19.6610



203.1550, 37.1330, 26.3890



204.8370, -33.5140, -9.3700



104.7450, 5.2720, 3.5760



60.4900, 82.7470, 58.7710



16.5180, 22.5090, 16.0850

Previews

White Background



This preview shows how the YIQ color 187.2630, 27.7810, 19.6610 looks on a white background.

Color Contrast Check

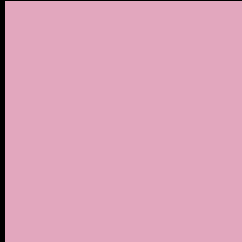
Large Text (above 18pt) WCAG AA × Fail

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 187.2630, 27.7810, 19.6610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

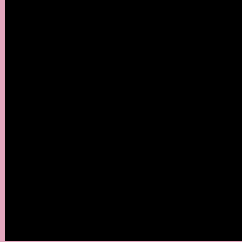
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.2630, 27.7810, 19.6610

Background



This preview shows how black text looks on a background with the YIQ color 187.2630, 27.7810, 19.6610.



This preview shows how white text looks on a background with the YIQ color 187.2630, 27.7810,

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

187.2630, 27.7810, 19.6610

Protanopia

183.9380, -5.4570, 5.2870

Deuteranopia

185.4190, 9.3060, 7.5620



Tritanopia

186.5250, 29.7990, 16.1270

Trichromacy



Original Color

187.2630, 27.7810, 19.6610

Protanomaly

185.4450, 6.4170, 10.3610

Deuteranomaly

186.1750, 16.0450, 12.0850

Tritanomaly

186.8670, 28.8360, 17.0600

Monochromacy



Original Color

187.2630, 27.7810, 19.6610

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.1910, 9.9480, 6.9400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.2630, 27.7810, 19.6610 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(226, 167, 190)` looks like.

```
.text, #text, p{  
    color:rgb(226, 167, 190)  
}
```

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(226, 167, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 167, 190) }
```

Border

The CSS property to change the border of an element to YIQ 187.2630, 27.7810, 19.6610 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(226, 167, 190) }
```


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

```
.border{ border-color:rgb(226, 167, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 167, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 167, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 167, 190);  
box-shadow:4px 4px 4px 4px rgb(226, 167,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 187.2630, 27.7810, 19.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 167, 190) }
```

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

```
.background{ background-color: rgb(226,  
167, 190) }
```

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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