

Converting Colors

YIQ(187.5100, 60.5180, 15.5740)

Have a look what the booklet for
YIQ(187.5100, 60.5180, 15.5740)
contains.

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Color

**YIQ(187.5100, 60.5180,
15.5740)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA193
RGB	255, 161, 147
RGB Percent	100%, 63%, 58%
CMY	0.0000, 0.3688, 0.4233
CMYK	0.00, 0.37, 0.42, 0.00
HSL	8°, 100%, 79%
HSV	8°, 42%, 100%
XYZ	59.2494, 48.8445, 33.9353
YIQ	187.5100, 60.5180, 15.5740

Conversions

Conversions Part 2

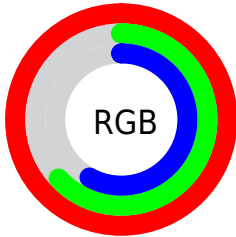
Format	Color
RYB	255, 163, 147
Decimal	16753043
CIELab	75.35, 33.35, 21.91
CIELCh	75, 39.904, 33.299
Yxy	48.8445, 0.4172, 0.3439
Android (android.graphics.Color)	4294943123 (0xFFFFA193)
YUV	187.5100, -19.9714, 59.1887
Hunter-Lab	69.8888, 29.0209, 20.1333

Details

The YIQ color **187.5100, 60.5180, 15.5740** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **214.4900, -60.5180, -15.5740**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5380, 27.7840, 3.0800**, and **132.6450, 55.7040, 14.7120** is the 20% darker color. If you saturate the color by 10%, you get **171.7460, 74.5930, 19.3050**, and if you desaturate by 10%, it is **203.3880, 46.1220, 12.1540**.

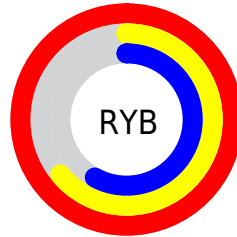
Distribution



Red (100%)

Green (63%)

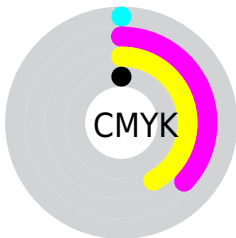
Blue (58%)



Red (100%)

Yellow (64%)

Blue (58%)

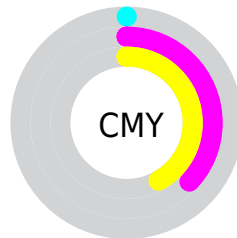


Cyan (0%)

Magenta (37%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 187.5100, 60.5180, 15.5740 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 187.5100, 60.5180, 15.5740 by changing the saturation by 10% instead.


 187.5100, 60.5180,
15.5740


 187.5100, 60.5180,
15.5740


255.0000, -0.0000,
-0.0000


 159.7270, 58.4090,
15.2490


 226.5380, 27.7840,
3.0800


 132.6450, 55.7040,
14.7120

 246.1660, 11.0960,
-2.8560

 106.6770, 52.6780,
14.4860

 81.0080, 50.2480,
14.4720

 56.1540, 46.9010,
14.5570

 28.9090, 46.2130,
16.0130

 16.7440, 33.3760,

11.8720

■ 7.8880, 15.1750,
5.8230

■ 0.0000, 0.0000,
0.0000

■ 187.5100, 60.5180,
15.5740

■ 187.5100, 60.5180,
15.5740

■ 171.7460, 74.5930,
19.3050

■ 203.3880, 46.1220,
12.1540

■ 155.8680, 88.9890,
22.7250

■ 219.1520, 32.0470,
8.4230

■ 139.5170,
103.3390, 26.9790

■ 235.6170, 17.3760,
4.4800

■ 123.6390,
117.7350, 30.3990

■ 251.3810, 3.3010,
0.7490

■ 107.8750, 255.0000, -0.0000,
131.8100, 34.1300 -0.0000

■ 95.6160, 142.9050,
36.8010

Harmonies

Analogous

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



189.2660, 50.0620, 28.8620



187.5100, 60.5180, 15.5740



185.6210, 55.1110, -2.0810

Triad

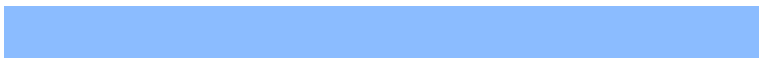
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



187.5100, 60.5180, 15.5740



172.5650, -30.7130, -32.6090



180.9870, -50.7110, 10.4490

Complementary

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



187.5100, 60.5180, 15.5740



214.4900, -60.5180, -15.5740

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.



166.8520, -90.5960, -10.1160



187.5100, 60.5180, 15.5740



163.4090, -74.1320, -33.1720

Square

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



187.5100, 60.5180, 15.5740



178.4200, 6.4240, -28.3280



153.4710, -112.2330, -30.9930



189.1880, -11.1920, 26.6320

Rectangle

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



187.5100, 60.5180, 15.5740



183.8980, 43.6050, -13.8270



153.4710, -112.2330, -30.9930



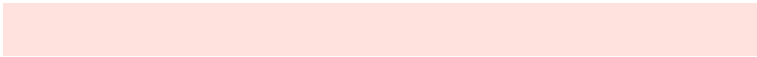
177.0560, -64.3270, 3.9050

Sweetspot

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



187.5100, 60.5180, 15.5740



234.2150, 18.5680, 4.9040



190.1220, 33.8730, 52.4410



115.0400, 11.6910, 2.8830



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.



187.5100, 60.5180, 15.5740



173.8490, 72.8050, 18.6690



218.6210, 45.9430, -12.1450



119.4740, 7.4730, 2.2330



71.7840, 106.9610, 27.4170



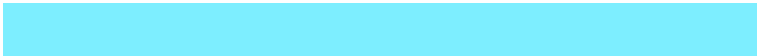
23.8320, 35.9440, 9.3840

Inverse Universe

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



214.4900, -60.5180, -15.5740



206.1510, -72.8050, -18.6690



183.3790, -45.9430, 12.1450



122.9390, -7.1980, -1.7100



119.8030, -107.2360, -27.9400



40.1680, -35.9440, -9.3840

Previews

White Background



This preview shows how the YIQ color 187.5100, 60.5180, 15.5740 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 187.5100, 60.5180, 15.5740 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 187.5100, 60.5180, 15.5740

Background



This preview shows how black text looks on a background with the YIQ color 187.5100, 60.5180, 15.5740.



This preview shows how white text looks on a background with the YIQ color 187.5100, 60.5180,

15.5740.

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

187.5100, 60.5180, 15.5740

Protanopia

185.9120, 14.6270, -6.2770

Deuteranopia

186.0840, 34.7540, -2.0940



Tritanopia

188.9580, 53.6850, 23.7730

Trichromacy



Original Color

187.5100, 60.5180, 15.5740



Protanomaly

186.4520, 30.9020, 1.6380



Deuteranomaly

186.5630, 43.8310, 4.1110



Tritanomaly

188.6330, 55.9780, 20.7620

Monochromacy



Original Color

187.5100, 60.5180, 15.5740



Achromatopsia

187.0000, -0.0000, -0.0000



Achromatomaly

187.4820, 22.1900, 5.3420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.5100, 60.5180, 15.5740 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(255, 161, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 147)  
}
```

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(255, 161, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 147) }
```

Border

The CSS property to change the border of an element to YIQ 187.5100, 60.5180, 15.5740 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(255, 161, 147) }
```


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

```
.border{ border-color:rgb(255, 161, 147) }
```

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

Here you see how a box with a 4 pixel rgb(255, 161, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 187.5100, 60.5180, 15.5740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 147) }
```

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

```
.background{ background-color: rgb(255,  
161, 147) }
```

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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