

Converting Colors

YIQ(187.8290, 49.1940, 11.5460)

Have a look what the booklet for
YIQ(187.8290, 49.1940, 11.5460)
contains.

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Color

**YIQ(187.8290, 49.1940,
11.5460)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A799
RGB	242, 167, 153
RGB Percent	95%, 65%, 60%
CMY	0.0508, 0.3452, 0.3998
CMYK	0.00, 0.31, 0.37, 0.05
HSL	9°, 77%, 77%
HSV	9°, 37%, 95%
XYZ	56.1999, 48.8124, 36.6194
YIQ	187.8290, 49.1940, 11.5460

Conversions

Conversions Part 2

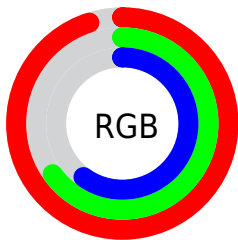
Format	Color
R _Y B	242, 170, 153
Decimal	15902617
CIE Lab	75.33, 25.98, 18.39
CIE LCh	75, 31.830, 35.289
Yxy	48.8124, 0.3968, 0.3446
Android (android.graphics.Color)	4294092697 (0xFFFF2A799)
YUV	187.8290, -17.1707, 47.5080
Hunter-Lab	69.8659, 21.3194, 17.8299

Details

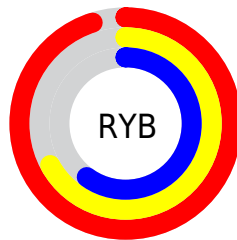
The YIQ color **187.8290, 49.1940, 11.5460** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **207.1710, -49.1940, -11.5460**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.7440, 24.2080, 1.8080**, and **133.5620, 45.5720, 11.1080** is the 20% darker color. If you saturate the color by 10%, you get **173.3530, 62.3980, 14.5420**, and if you desaturate by 10%, it is **202.3050, 35.9900, 8.5500**.

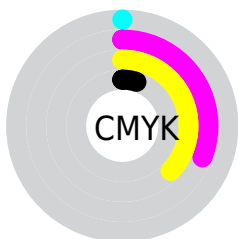
Distribution



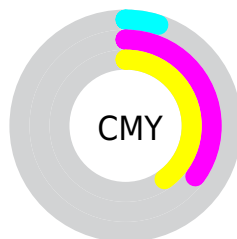
- Red (95%)
- Green (65%)
- Blue (60%)



- Red (95%)
- Yellow (67%)
- Blue (60%)



- Cyan (0%)
- Magenta (31%)
- Yellow (37%)
- Black (5%)





- Cyan (5%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 187.8290, 49.1940, 11.5460 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 187.8290, 49.1940, 11.5460 by changing the saturation by 10% instead.


 187.8290, 49.1940,
11.5460


 187.8290, 49.1940,
11.5460

255.0000, -0.0000,
-0.0000


 160.3450, 47.6810,
11.4330


 230.7440, 24.2080,
1.8080


 133.5620, 45.5720,
11.1080

 250.4860, 7.1990,
-3.8170

 107.7790, 43.4630,
10.7830

 82.6970, 40.7580,
10.2460

 58.7290, 37.7320,
10.0200

 34.9460, 35.6230,
9.6950

 14.9500, 29.8000,

10.6000

■ 4.4850, 8.9400,
3.1800

■ 0.0000, 0.0000,
0.0000

■ 187.8290, 49.1940,
11.5460

■ 187.8290, 49.1940,
11.5460

■ 173.3530, 62.3980,
14.5420

■ 202.3050, 35.9900,
8.5500

■ 158.2900, 75.8770,
18.0610

■ 217.3680, 22.5110,
5.0310

■ 143.7000, 89.4020,
20.7460

■ 231.9580, 8.9860,
2.3460

■ 128.6370,
102.8810, 24.2650

■ 247.0210, -4.4930,
-1.1730

■ 114.1610,
116.0850, 27.2610

■ 251.1130, -7.7480,
-2.7560

■ 99.0980, 129.5640,
30.7800

■ 94.6640, 133.7820,
31.4300

Harmonies

Analogous

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



189.5590, 41.6270, 22.0350



187.8290, 49.1940, 11.5460



185.7600, 44.4740, -2.0380

Triad

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



187.8290, 49.1940, 11.5460



176.0050, -25.9000, -26.2200



183.9300, -37.3690, 10.9430

Complementary

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



187.8290, 49.1940, 11.5460



207.1710, -49.1940, -11.5460

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.



175.3840, -62.6750, -4.0110



187.8290, 49.1940, 11.5460



171.3300, -54.5560, -24.5080

Square

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



187.8290, 49.1940, 11.5460



180.0270, 3.3970, -23.0270



169.4610, -70.7420, -17.5100



188.4780, -6.3770, 21.9670

Rectangle

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



187.8290, 49.1940, 11.5460



184.4010, 34.9390, -10.9570



169.4610, -70.7420, -17.5100



181.0920, -46.8130, 5.8830

Sweetspot

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



187.8290, 49.1940, 11.5460



237.7200, 15.5880, 3.8440



188.2750, 28.6480, 42.5040



117.8440, 9.3070, 2.0350



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.



187.8290, 49.1940, 11.5460



186.4670, 62.0770, 14.8530



213.6570, 37.0940, -11.4660



112.7620, 6.6020, 1.4980



72.0390, 101.6890, 23.8410



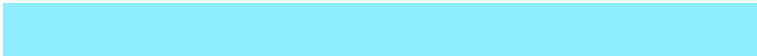
22.0270, 30.9010, 7.1650

Inverse Universe

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



207.1710, -49.1940, -11.5460



210.9460, -61.8020, -14.3300



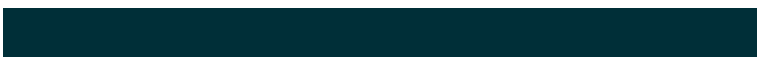
181.3430, -37.0940, 11.4660



115.2380, -6.6020, -1.4980



111.9610, -101.6890, -23.8410



33.9730, -30.9010, -7.1650

Previews

White Background



This preview shows how the YIQ color 187.8290, 49.1940, 11.5460 looks on a white background.

Color Contrast Check

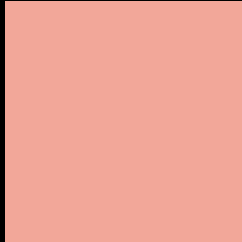
Large Text (above 18pt) WCAG AA × Fail

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 187.8290, 49.1940, 11.5460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

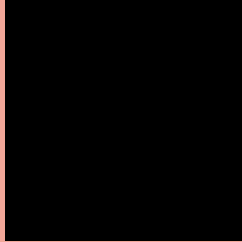
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.8290, 49.1940, 11.5460

Background



This preview shows how black text looks on a background with the YIQ color 187.8290, 49.1940, 11.5460.



This preview shows how white text looks on a background with the YIQ color 187.8290, 49.1940,

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

187.8290, 49.1940, 11.5460

Protanopia

185.3680, 13.3430, -5.0330

Deuteranopia

186.8710, 31.0400, -0.8640



Tritanopia

189.2880, 43.8280, 20.6920

Trichromacy



Original Color

187.8290, 49.1940, 11.5460

Protanomaly

186.0000, 26.3630, 1.2990

Deuteranomaly

187.3280, 37.1830, 3.4470

Tritanomaly

188.6640, 45.5250, 17.4690

Monochromacy



Original Color

187.8290, 49.1940, 11.5460

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.8020, 18.2930, 4.3810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.8290, 49.1940, 11.5460 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(242, 167, 153)` looks like.

```
.text, #text, p{  
    color:rgb(242, 167, 153)  
}
```

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(242, 167, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 167, 153) }
```

Border

The CSS property to change the border of an element to YIQ 187.8290, 49.1940, 11.5460 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(242, 167, 153) }
```


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

```
.border{ border-color:rgb(242, 167, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 167, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 167, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 167, 153);  
box-shadow:4px 4px 4px 4px rgb(242, 167,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 187.8290, 49.1940, 11.5460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 167, 153) }
```

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

```
.background{ background-color: rgb(242,  
167, 153) }
```

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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