

Converting Colors

YIQ(188.5470, 49.9280, 9.2560)

Have a look what the booklet for
YIQ(188.5470, 49.9280, 9.2560)
contains.

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Color

**YIQ(188.5470, 49.9280,
9.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A995
RGB	242, 169, 149
RGB Percent	95%, 66%, 58%
CMY	0.0508, 0.3374, 0.4155
CMYK	0.00, 0.30, 0.38, 0.05
HSL	13°, 78%, 77%
HSV	13°, 38%, 95%
XYZ	56.2435, 49.4207, 35.0314
YIQ	188.5470, 49.9280, 9.2560

Conversions

Conversions Part 2

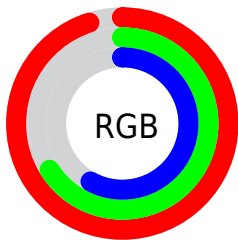
Format	Color
R _{YB}	242, 174, 149
Decimal	15903125
CIE Lab	75.71, 24.46, 21.08
CIE LCh	76, 32.291, 40.753
Yxy	49.4207, 0.3998, 0.3513
Android (android.graphics.Color)	4294093205 (0xFFFF2A995)
YUV	188.5470, -19.4967, 46.8783
Hunter-Lab	70.2998, 19.7844, 19.6649

Details

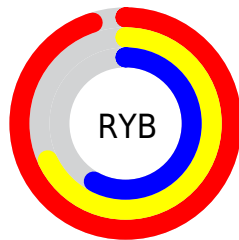
The YIQ color **188.5470, 49.9280, 9.2560** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **202.4530, -49.9280, -9.2560**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.4620, 24.9420, -0.4820**, and **134.2800, 46.3060, 8.8180** is the 20% darker color. If you saturate the color by 10%, you get **174.6580, 62.8570, 11.7290**, and if you desaturate by 10%, it is **202.4360, 36.9990, 6.7830**.

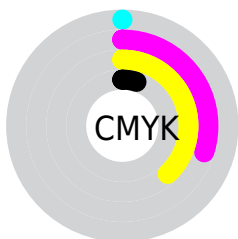
Distribution



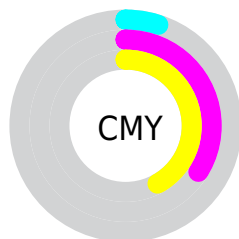
- Red (95%)
- Green (66%)
- Blue (58%)



- Red (95%)
- Yellow (68%)
- Blue (58%)



- Cyan (0%)
- Magenta (30%)
- Yellow (38%)
- Black (5%)





- Cyan (5%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 188.5470, 49.9280, 9.2560 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 188.5470, 49.9280, 9.2560 by changing the saturation by 10% instead.


 188.5470, 49.9280,
9.2560

 188.5470, 49.9280,
9.2560


255.0000, -0.0000,
-0.0000


 161.0630, 48.4150,
9.1430


 231.4620, 24.9420,
-0.4820


 134.2800, 46.3060,
8.8180

 251.0900, 8.2540,
-6.4180

 108.4970, 44.1970,
8.4930

 83.5290, 41.1710,
8.2670

 59.4470, 38.4660,
7.7300

 35.5500, 36.6780,
7.0940

 14.6510, 29.2040,

10.3880

■ 4.4850, 8.9400,
3.1800

■ 0.0000, 0.0000,
0.0000

■ 188.5470, 49.9280,
9.2560

■ 188.5470, 49.9280,
9.2560

■ 174.6580, 62.8570,
11.7290

■ 202.4360, 36.9990,
6.7830

■ 160.7690, 75.7860,
14.2020

■ 216.3250, 24.0700,
4.3100

■ 146.7660, 89.0360,
16.3640

■ 230.3280, 10.8200,
2.1480

■ 132.8770,
101.9650, 18.8370

■ 244.2170, -2.1090,
-0.3250

■ 118.9880,
114.8940, 21.3100

■ 251.1130, -7.7480,
-2.7560

■ 105.0990,
127.8230, 23.7830

■ 102.8820,
129.9320, 24.1080

Harmonies

Analogous

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



190.0000, 44.6990, 21.4270



188.5470, 49.9280, 9.2560



186.3960, 42.5030, -4.8650

Triad

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



188.5470, 49.9280, 9.2560



176.0690, -31.9520, -26.6720



186.1480, -32.0510, 13.6850

Complementary

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



188.5470, 49.9280, 9.2560



202.4530, -49.9280, -9.2560

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.



177.9330, -59.7870, -1.2830



188.5470, 49.9280, 9.2560



171.2200, -60.0580, -23.9140

Square

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



188.5470, 49.9280, 9.2560



180.1620, -1.4170, -23.8890



171.0310, -72.3470, -15.9550



190.1690, -1.0130, 23.8750

Rectangle

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



188.5470, 49.9280, 9.2560



184.9660, 31.7300, -13.3740



171.0310, -72.3470, -15.9550



183.5380, -42.1370, 9.2470

Sweetspot

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



188.5470, 49.9280, 9.2560



237.3780, 16.5510, 2.9110



185.2430, 31.6740, 42.7300



117.1430, 9.9030, 2.2470



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.



188.5470, 49.9280, 9.2560



187.6580, 62.8570, 11.7290



214.9620, 37.5530, -14.2790



112.7620, 6.6020, 1.4980



77.9090, 98.9390, 18.6110



23.7880, 30.0760, 5.5960

Inverse Universe

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



202.4530, -49.9280, -9.2560



205.3420, -62.8570, -11.7290



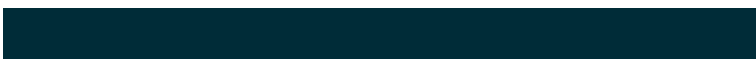
176.0380, -37.5530, 14.2790



114.6510, -6.3270, -0.9750



105.5040, -98.6640, -18.0880



32.2120, -30.0760, -5.5960

Previews

White Background



This preview shows how the YIQ color 188.5470, 49.9280, 9.2560 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 188.5470, 49.9280, 9.2560 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 188.5470, 49.9280, 9.2560

Background



This preview shows how black text looks on a background with the YIQ color 188.5470, 49.9280, 9.2560.



This preview shows how white text looks on a background with the YIQ color 188.5470, 49.9280,

9.2560.

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

188.5470, 49.9280, 9.2560

Protanopia

186.5700, 15.5900, -7.2100

Deuteranopia

187.0130, 33.5160, -1.6840



Tritanopia

190.2880, 43.8280, 20.6920

Trichromacy



Original Color

188.5470, 49.9280, 9.2560

Protanomaly

186.9030, 28.0140, -1.0900

Deuteranomaly

187.4700, 39.6590, 2.6270

Tritanomaly

189.4360, 46.1670, 16.8470

Monochromacy



Original Color

188.5470, 49.9280, 9.2560

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.8620, 18.0640, 3.0240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.5470, 49.9280, 9.2560 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, 169, 149)` looks like.

```
.text, #text, p{  
    color:rgb(242, 169, 149)  
}
```

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, 169, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 169, 149) }
```

Border

The CSS property to change the border of an element to YIQ 188.5470, 49.9280, 9.2560 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, 169, 149) }
```


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

```
.border{ border-color:rgb(242, 169, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 169, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 169, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 169, 149);  
box-shadow:4px 4px 4px 4px rgb(242, 169,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 188.5470, 49.9280, 9.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 169, 149) }
```

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

```
.background{ background-color: rgb(242,  
169, 149) }
```

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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