

Converting Colors

YIQ(193.1810, 51.4390, 20.4230)

Have a look what the booklet for
YIQ(193.1810, 51.4390, 20.4230)
contains.

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Color

**YIQ(193.1810, 51.4390,
20.4230)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA6AB
RGB	255, 166, 171
RGB Percent	100%, 65%, 67%
CMY	0.0000, 0.3491, 0.3292
CMYK	0.00, 0.35, 0.33, 0.00
HSL	357°, 100%, 83%
HSV	357°, 35%, 100%
XYZ	62.2250, 51.4611, 45.2070
YIQ	193.1810, 51.4390, 20.4230

Conversions

Conversions Part 2

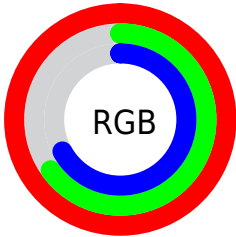
Format	Color
R _Y B	255, 166, 171
Decimal	16754347
CIE Lab	76.96, 33.48, 11.07
CIE LCh	77, 35.259, 18.295
Yxy	51.4611, 0.3916, 0.3239
Android (android.graphics.Color)	4294944427 (0xFFFFA6AB)
YUV	193.1810, -10.9352, 54.2153
Hunter-Lab	71.7364, 29.2944, 12.8520

Details

The YIQ color **193.1810, 51.4390, 20.4230** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **227.8190, -51.4390, -20.4230**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.3230, 18.3840, 8.2400**, and **138.5010, 47.5420, 19.4620** is the 20% darker color. If you saturate the color by 10%, you get **175.1830, 66.2930, 26.5570**, and if you desaturate by 10%, it is **210.5920, 36.8600, 14.8120**.

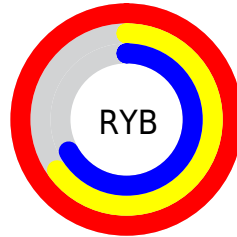
Distribution



Red (100%)

Green (65%)

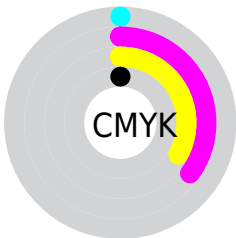
Blue (67%)



Red (100%)

Yellow (65%)

Blue (67%)

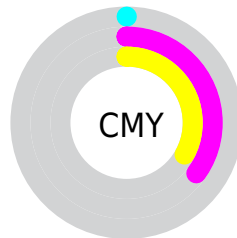


Cyan (0%)

Magenta (35%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 193.1810, 51.4390, 20.4230 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 193.1810, 51.4390, 20.4230 by changing the saturation by 10% instead.


 193.1810, 51.4390,
20.4230


 193.1810, 51.4390,
20.4230


255.0000, -0.0000,
-0.0000


 165.3980, 49.3300,
20.0980


 232.3230, 18.3840,
8.2400


 138.5010, 47.5420,
19.4620

 252.6520, 1.1000,
2.0920

 112.0170, 46.0290,
19.3490

 86.9350, 43.3240,
18.8120

 61.2660, 40.8940,
18.7980

 35.6510, 38.3720,
20.4520

 17.9400, 35.7600,

12.7200

■ 10.2800, 19.9430,
7.5190

■ 0.0000, 0.0000,
0.0000

■ 193.1810, 51.4390,
20.4230

■ 193.1810, 51.4390,
20.4230

■ 175.1830, 66.2930,
26.5570

■ 210.5920, 36.8600,
14.8120

■ 157.7720, 80.8720,
32.1680

■ 228.5900, 22.0060,
8.6780

■ 139.7740, 95.7260,
38.3020

■ 246.0010, 7.4270,
3.0670

■ 122.3630,
110.3050, 43.9130

■ 255.0000, -0.0000,
-0.0000

■ 104.3650,
125.1590, 50.0470

■ 86.9540, 139.7380,
55.6580

■ 77.9550, 147.1650,
58.7250

Harmonies

Analogous

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



194.8390, 35.2070, 28.2550



193.1810, 51.4390, 20.4230



191.7060, 53.7340, 6.3580

Triad

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



193.1810, 51.4390, 20.4230



181.5630, -10.0360, -27.3800



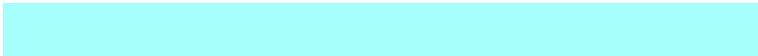
182.1550, -60.2920, 2.3640

Complementary

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



193.1810, 51.4390, 20.4230



227.8190, -51.4390, -20.4230

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.



172.2950, -81.8380, -14.6540



193.1810, 51.4390, 20.4230



176.2570, -44.2850, -28.9330

Square

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



193.1810, 51.4390, 20.4230



185.7640, 20.3150, -21.2610



171.0380, -74.2250, -25.9770



190.5340, -27.1460, 18.4060

Rectangle

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



193.1810, 51.4390, 20.4230



190.1470, 47.6380, -4.3140



171.0380, -74.2250, -25.9770



178.7900, -69.6900, -3.5300

Sweetspot

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



193.1810, 51.4390, 20.4230



237.5890, 14.5790, 5.6110



200.9630, 20.8990, 45.2750



116.8980, 9.2150, 3.7030



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.



193.1810, 51.4390, 20.4230



180.6770, 61.8460, 24.5500



215.5040, 42.3190, -1.5290



118.8870, 7.7480, 2.7560



58.3630, 110.3050, 43.9130



19.5920, 36.8600, 14.8120

Inverse Universe

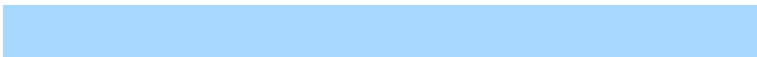
The Inverse Universe completely reimagines the original color for something new.



193.1810, 51.4390, 20.4230



180.6770, 61.8460, 24.5500



205.4960, -42.3190, 1.5290



118.8870, 7.7480, 2.7560



58.3630, 110.3050, 43.9130



19.5920, 36.8600, 14.8120

Previews

White Background



This preview shows how the YIQ color 193.1810, 51.4390, 20.4230 looks on a white background.

Color Contrast Check

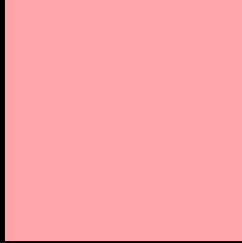
Large Text (above 18pt) WCAG AA × Fail

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 193.1810, 51.4390, 20.4230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

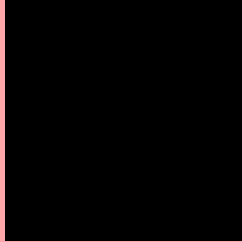
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.1810, 51.4390, 20.4230

Background



This preview shows how black text looks on a background with the YIQ color 193.1810, 51.4390, 20.4230.



This preview shows how white text looks on a background with the YIQ color 193.1810, 51.4390,

20.4230.

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

193.1810, 51.4390, 20.4230

Protanopia

190.8110, 4.9060, -0.8060

Deuteranopia

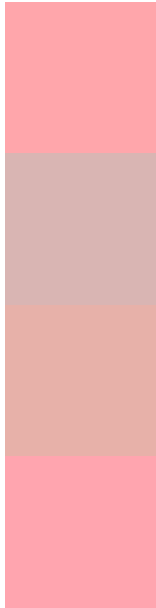
191.4560, 25.0790, 2.5430



Tritanopia

193.3920, 49.4670, 23.1230

Trichromacy



Original Color

193.1810, 51.4390, 20.4230

Protanomaly

191.5360, 22.0980, 7.0100

Deuteranomaly

192.2340, 34.7520, 8.9600

Tritanomaly

193.0500, 50.4300, 22.1900

Monochromacy



Original Color

193.1810, 51.4390, 20.4230

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

193.0950, 19.0260, 7.6180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.1810, 51.4390, 20.4230 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, 166, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 171)  
}
```

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, 166, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 171) }
```

Border

The CSS property to change the border of an element to YIQ 193.1810, 51.4390, 20.4230 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, 166, 171) }
```


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

```
.border{ border-color:rgb(255, 166, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 193.1810, 51.4390, 20.4230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 171) }
```

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

```
.background{ background-color: rgb(255,  
166, 171) }
```

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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