

Converting Colors

YIQ(191.7790, 52.6310, 20.8470)

Have a look what the booklet for
YIQ(191.7790, 52.6310, 20.8470)
contains.

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Color

**YIQ(191.7790, 52.6310,
20.8470)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA4A9
RGB	255, 164, 169
RGB Percent	100%, 64%, 66%
CMY	0.0000, 0.3570, 0.3370
CMYK	0.00, 0.36, 0.34, 0.00
HSL	357°, 100%, 82%
HSV	357°, 36%, 100%
XYZ	61.6750, 50.6638, 44.0903
YIQ	191.7790, 52.6310, 20.8470

Conversions

Conversions Part 2

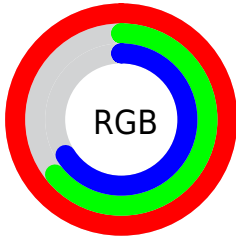
Format	Color
R _Y B	255, 164, 169
Decimal	16753833
CIE Lab	76.47, 34.27, 11.47
CIE LCh	76, 36.144, 18.511
Yxy	50.6638, 0.3943, 0.3239
Android (android.graphics.Color)	4294943913 (0xFFFFA4A9)
YUV	191.7790, -11.2300, 55.4448
Hunter-Lab	71.1785, 30.1049, 13.0987

Details

The YIQ color **191.7790, 52.6310, 20.8470** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **227.2210, -52.6310, -20.8470**, and the grayscale version is **192.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **230.9210, 19.5760, 8.6640**, and **137.0990, 48.7340, 19.8860** is the 20% darker color. If you saturate the color by 10%, you get **173.7810, 67.4850, 26.9810**, and if you desaturate by 10%, it is **209.1900, 38.0520, 15.2360**.

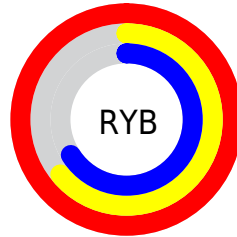
Distribution



Red (100%)

Green (64%)

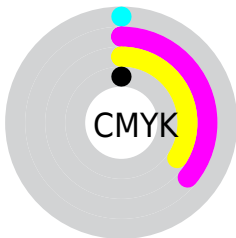
Blue (66%)



Red (100%)

Yellow (64%)

Blue (66%)

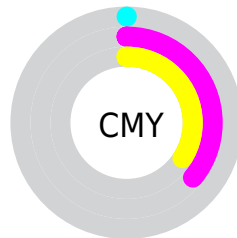


Cyan (0%)

Magenta (36%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (36%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 191.7790, 52.6310, 20.8470 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 191.7790, 52.6310, 20.8470 by changing the saturation by 10% instead.


 191.7790, 52.6310,
20.8470


 191.7790, 52.6310,
20.8470


255.0000, -0.0000,
-0.0000


 163.9960, 50.5220,
20.5220


 230.9210, 19.5760,
8.6640


 137.0990, 48.7340,
19.8860

 251.2500, 2.2920,
2.5160

 110.9030, 46.3500,
19.0380

 85.2340, 43.9200,
19.0240

 59.9780, 41.7650,
19.5330

 33.6620, 39.8390,
21.3990

 17.9400, 35.7600,

12.7200

■ 9.9810, 19.3470,
7.3070

■ 0.0000, 0.0000,
0.0000

■ 191.7790, 52.6310,
20.8470

■ 191.7790, 52.6310,
20.8470

■ 173.7810, 67.4850,
26.9810

■ 209.1900, 38.0520,
15.2360

■ 156.3700, 82.0640,
32.5920

■ 227.1880, 23.1980,
9.1020

■ 138.3720, 96.9180,
38.7260

■ 244.5990, 8.6190,
3.4910

■ 120.9610,
111.4970, 44.3370

■ 255.0000, -0.0000,
-0.0000

■ 102.9630,
126.3510, 50.4710

■ 85.5520, 140.9300,
56.0820

■ 77.8410, 147.4860,
58.4140

Harmonies

Analogous

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



193.5510, 36.0780, 28.9900



191.7790, 52.6310, 20.8470



189.8910, 54.6510, 6.2590

Triad

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



191.7790, 52.6310, 20.8470



179.7370, -10.5860, -28.4260



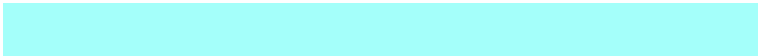
180.6710, -61.8050, 2.2510

Complementary

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



191.7790, 52.6310, 20.8470



227.2210, -52.6310, -20.8470

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.



169.6150, -85.7350, -15.6150



191.7790, 52.6310, 20.8470



174.2460, -45.7520, -29.8800

Square

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



191.7790, 52.6310, 20.8470



184.3510, 20.0400, -21.7840



168.3580, -78.1220, -26.9380



189.6480, -27.4670, 18.7170

Rectangle

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



191.7790, 52.6310, 20.8470



188.3320, 48.5550, -4.4130



168.3580, -78.1220, -26.9380



177.0070, -71.7990, -3.8550

Sweetspot

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



191.7790, 52.6310, 20.8470



235.6000, 16.0460, 6.5580



199.7890, 21.4490, 46.3210



116.1970, 9.8110, 3.9150



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.



191.7790, 52.6310, 20.8470



178.5740, 63.6340, 25.1860



214.1020, 43.5110, -1.1050



118.8870, 7.7480, 2.7560



58.3630, 110.3050, 43.9130



19.5920, 36.8600, 14.8120

Inverse Universe

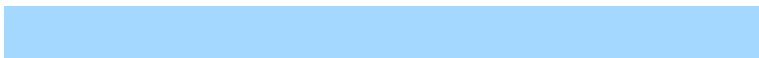
The Inverse Universe completely reimagines the original color for something new.



191.7790, 52.6310, 20.8470



178.5740, 63.6340, 25.1860



204.8980, -43.5110, 1.1050



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 191.7790, 52.6310, 20.8470 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 191.7790, 52.6310, 20.8470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

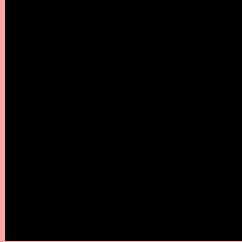
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 191.7790, 52.6310, 20.8470

Background



This preview shows how black text looks on a background with the YIQ color 191.7790, 52.6310, 20.8470.



This preview shows how white text looks on a background with the YIQ color 191.7790, 52.6310,

20.8470.

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

191.7790, 52.6310, 20.8470

Protanopia

189.1100, 5.5020, -0.5940

Deuteranopia

190.3420, 25.4000, 2.2320



Tritanopia

191.8760, 50.9800, 23.2360

Trichromacy



Original Color

191.7790, 52.6310, 20.8470



Protanomaly

189.8350, 22.6940, 7.2220



Deuteranomaly

190.5330, 35.3480, 9.1720



Tritanomaly

191.6480, 51.6220, 22.6140

Monochromacy



Original Color

191.7790, 52.6310, 20.8470



Achromatopsia

192.0000, -0.0000, 0.0000



Achromatomaly

192.0950, 19.0260, 7.6180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.7790, 52.6310, 20.8470 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, 164, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 169)  
}
```

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, 164, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 169) }
```

Border

The CSS property to change the border of an element to YIQ 191.7790, 52.6310, 20.8470 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, 164, 169) }
```


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

```
.border{ border-color:rgb(255, 164, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 191.7790, 52.6310, 20.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 169) }
```

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

```
.background{ background-color: rgb(255,  
164, 169) }
```

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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