

Converting Colors

YIQ(196.7830, 46.8080, 21.7520)

Have a look what the booklet for
YIQ(196.7830, 46.8080, 21.7520)
contains.

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Color

**YIQ(196.7830, 46.8080,
21.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAAB6
RGB	255, 170, 182
RGB Percent	100%, 67%, 71%
CMY	0.0000, 0.3334, 0.2861
CMYK	0.00, 0.33, 0.29, 0.00
HSL	351°, 100%, 83%
HSV	351°, 33%, 100%
XYZ	64.0562, 53.3753, 51.2067
YIQ	196.7830, 46.8080, 21.7520

Conversions

Conversions Part 2

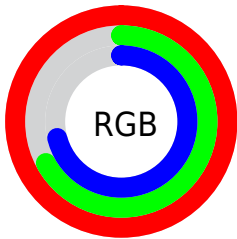
Format	Color
R_{YB}	255, 170, 182
Decimal	16755382
CIE _{Lab}	78.10, 32.79, 6.70
CIE _{LCh}	78, 33.465, 11.554
Yxy	53.3753, 0.3798, 0.3165
Android (android.graphics.Color)	4294945462 (0xFFFFAAB6)
YUV	196.7830, -7.2880, 51.0563
Hunter-Lab	73.0584, 28.6531, 9.5845

Details

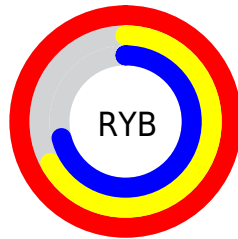
The YIQ color **196.7830, 46.8080, 21.7520** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **228.2170, -46.8080, -21.7520**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.0390, 13.4320, 9.8800**, and **142.2880, 43.8280, 20.6920** is the 20% darker color. If you saturate the color by 10%, you get **179.0130, 61.0200, 28.5080**, and if you desaturate by 10%, it is **213.9660, 32.8710, 15.5190**.

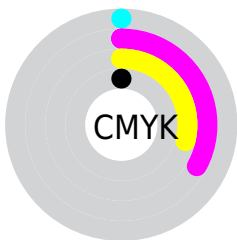
Distribution



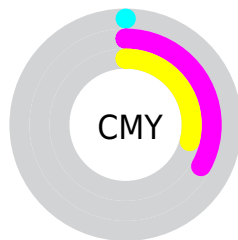
- Red (100%)
- Green (67%)
- Blue (71%)



- Red (100%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (33%)
- Yellow (29%)
- Black (0%)




- Cyan (0%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 196.7830, 46.8080, 21.7520 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 196.7830, 46.8080, 21.7520 by changing the saturation by 10% instead.


 196.7830, 46.8080,
21.7520


 196.7830, 46.8080,
21.7520


255.0000, -0.0000,
-0.0000


 168.8860, 45.0200,
21.1160


 236.0390, 13.4320,
9.8800

 142.2880, 43.8280,
20.6920

 115.5050, 41.7190,
20.3670

 90.3090, 39.3350,
19.5190

 64.9390, 37.5010,
19.7170

 40.0960, 35.6210,
20.7490

 19.9490, 31.5410,

17.5970

■ 11.4760, 22.3270,
8.3670

■ 0.0000, 0.0000,
0.0000

■ 196.7830, 46.8080,
21.7520

■ 196.7830, 46.8080,
21.7520

■ 179.0130, 61.0200,
28.5080

■ 213.9660, 32.8710,
15.5190

■ 161.8300, 74.9570,
34.7410

■ 231.7360, 18.6590,
8.7630

■ 144.0600, 89.1690,
41.4970

■ 248.9190, 4.7220,
2.5300

■ 126.9910,
102.7850, 48.0410

■ 255.0000, -0.0000,
-0.0000

■ 109.2210,
116.9970, 54.7970

■ 92.0380, 130.9340,
61.0300

■ 80.3490, 140.4240,
65.2560

Harmonies

Analogous

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



197.7180, 28.2380, 27.9020



196.7830, 46.8080, 21.7520



195.2160, 52.3580, 9.2700

Triad

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



196.7830, 46.8080, 21.7520



186.6240, -2.8380, -25.6700



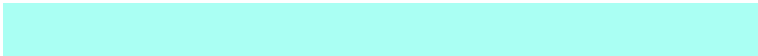
184.2640, -62.2170, -1.2970

Complementary

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



196.7830, 46.8080, 21.7520



228.2170, -46.8080, -21.7520

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.



176.7640, -75.9690, -16.3930



196.7830, 46.8080, 21.7520



181.7590, -34.0150, -27.8310

Square

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



196.7830, 46.8080, 21.7520



190.2100, 24.9910, -17.8970



176.7250, -63.0380, -24.9740



192.4900, -33.0140, 14.6180

Rectangle

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



196.7830, 46.8080, 21.7520



193.5540, 48.0500, -0.7660



176.7250, -63.0380, -24.9740



181.0950, -69.2310, -6.3430

Sweetspot

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



196.7830, 46.8080, 21.7520



237.8170, 13.9370, 6.2330



201.2180, 15.6270, 41.6990



117.0120, 8.8940, 4.0140



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.



196.7830, 46.8080, 21.7520



185.0940, 56.2980, 25.9780



213.0250, 42.4100, 2.3300



119.1150, 7.1060, 3.3780



60.1870, 105.1690, 48.8890



20.1620, 35.2550, 16.3670

Inverse Universe

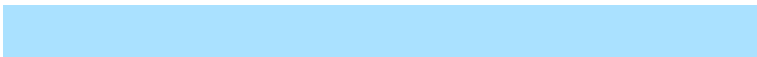
The Inverse Universe completely reimagines the original color for something new.



196.7830, 46.8080, 21.7520



185.0940, 56.2980, 25.9780



211.9750, -42.4100, -2.3300



119.1150, 7.1060, 3.3780



60.1870, 105.1690, 48.8890



20.1620, 35.2550, 16.3670

Previews

White Background



This preview shows how the YIQ color 196.7830, 46.8080, 21.7520 looks on a white background.

Color Contrast Check

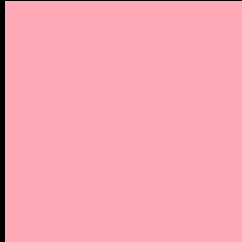
Large Text (above 18pt) WCAG AA × Fail

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 196.7830, 46.8080, 21.7520 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 196.7830, 46.8080, 21.7520

Background



This preview shows how black text looks on a background with the YIQ color 196.7830, 46.8080, 21.7520.



This preview shows how white text looks on a background with the YIQ color 196.7830, 46.8080,

21.7520.

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

196.7830, 46.8080, 21.7520

Protanopia

194.1250, 1.1460, 1.2580

Deuteranopia

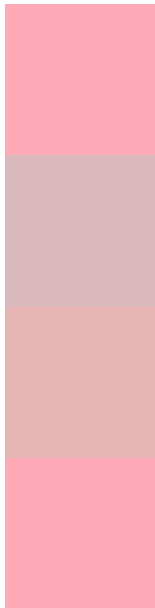
195.3570, 21.0440, 4.0840



Tritanopia

196.8970, 46.4870, 22.0630

Trichromacy



Original Color

196.7830, 46.8080, 21.7520

Protanomaly

195.1380, 17.4670, 8.3390

Deuteranomaly

195.8360, 30.1210, 10.2890

Tritanomaly

196.8970, 46.4870, 22.0630

Monochromacy



Original Color

196.7830, 46.8080, 21.7520

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.8390, 16.8710, 8.1270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.7830, 46.8080, 21.7520 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, 170, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 182)  
}
```

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, 170, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 182) }
```

Border

The CSS property to change the border of an element to YIQ 196.7830, 46.8080, 21.7520 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, 170, 182) }
```


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

```
.border{ border-color:rgb(255, 170, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 170, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 196.7830, 46.8080, 21.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 182) }
```

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

```
.background{ background-color: rgb(255,  
170, 182) }
```

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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