

Converting Colors

YIQ(195.2760, 44.1020, 26.7420)

Have a look what the booklet for
YIQ(195.2760, 44.1020, 26.7420)
contains.

YIQ(195.2760, 44.1020, 26.7420)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(195.2760, 44.1020,
26.7420)**

Conversions

Conversions Part 1

Format	Color
Hex	FEA6C0
RGB	254, 166, 192
RGB Percent	100%, 65%, 75%
CMY	0.0037, 0.3491, 0.2469
CMYK	0.00, 0.35, 0.24, 0.00
HSL	342°, 98%, 82%
HSV	342°, 35%, 100%
XYZ	64.0424, 52.1482, 56.5823
YIQ	195.2760, 44.1020, 26.7420

Conversions

Conversions Part 2

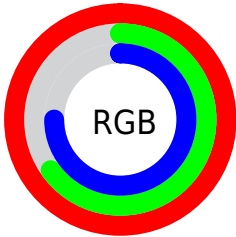
Format	Color
R_{YB}	254, 166, 192
Decimal	16688832
CIE _{Lab}	77.37, 35.89, 0.19
CIE _{LCh}	77, 35.888, 0.299
Yxy	52.1482, 0.3707, 0.3018
Android (android.graphics.Color)	4294878912 (0xFFFEA6C0)
YUV	195.2760, -1.6151, 51.5009
Hunter-Lab	72.2137, 31.9279, 4.0935

Details

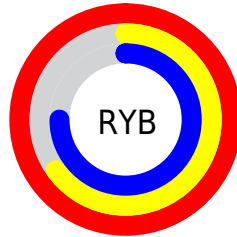
The YIQ color $195.2760, 44.1020, 26.7420$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $224.7240, -44.1020, -26.7420$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $234.8310, 11.3220, 15.0820$, and $140.7810, 41.1220, 25.6820$ is the 20% darker color. If you saturate the color by 10%, you get $178.5490, 56.7550, 34.2190$, and if you desaturate by 10%, it is $212.0030, 31.4490, 19.2650$.

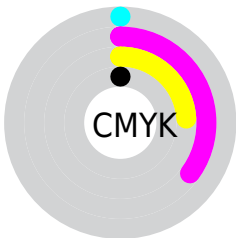
Distribution



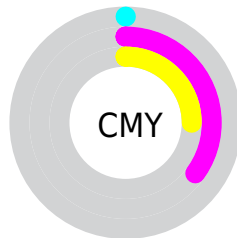
- Red (100%)
- Green (65%)
- Blue (75%)



- Red (100%)
- Yellow (65%)
- Blue (75%)



- Cyan (0%)
- Magenta (35%)
- Yellow (24%)
- Black (0%)




- Cyan (0%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 195.2760, 44.1020, 26.7420 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 195.2760, 44.1020, 26.7420 by changing the saturation by 10% instead.


 195.2760, 44.1020,
26.7420


 195.2760, 44.1020,
26.7420


255.0000, -0.0000,
-0.0000

 167.6780, 42.9100,
26.3180


 234.8310, 11.3220,
15.0820


 140.7810, 41.1220,
25.6820

 252.6520, 1.1000,
2.0920

 113.8840, 39.3340,
25.0460

 88.4000, 37.8210,
24.9330

 63.0300, 35.9870,
25.1310

 36.6000, 34.3820,
26.6860

 20.8610, 28.9730,

20.0850

■ 11.4760, 22.3270,
8.3670

■ 0.0000, 0.0000,
0.0000

■ 195.2760, 44.1020,
26.7420

■ 195.2760, 44.1020,
26.7420

■ 178.5490, 56.7550,
34.2190

■ 212.0030, 31.4490,
19.2650

■ 161.2350, 69.6830,
42.2190

■ 229.3170, 18.5210,
11.2650

■ 144.5080, 82.3360,
49.6960

■ 246.0440, 5.8680,
3.7880

■ 127.1940, 95.2640,
57.6960

254.7010, -0.5960,
-0.2120

■ 110.5810,
107.5960, 65.4840

■ 93.8540, 120.2490,
72.9610

■ 84.4960, 127.3090,
77.1730

Harmonies

Analogous

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



195.9930, 20.2140, 30.1500



195.2760, 44.1020, 26.7420



193.5740, 54.4660, 15.1220

Triad

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



195.2760, 44.1020, 26.7420



185.4960, 9.2660, -24.7660



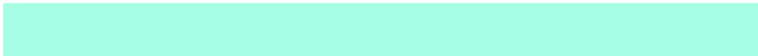
176.4360, -77.6210, -8.4770

Complementary

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



195.2760, 44.1020, 26.7420



224.7240, -44.1020, -26.7420

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.



170.2420, -83.4870, -23.3190



195.2760, 44.1020, 26.7420



180.6800, -23.6070, -29.2310

Square

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



195.2760, 44.1020, 26.7420



189.0650, 35.7650, -14.9150



174.2430, -58.8650, -29.0170



186.6020, -48.1890, 8.7950

Rectangle

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



195.2760, 44.1020, 26.7420



192.0650, 54.1010, 5.2130



174.2430, -58.8650, -29.0170



173.2240, -83.0760, -14.2440

Sweetspot

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



195.2760, 44.1020, 26.7420



238.2730, 12.6530, 7.4770



194.5700, 8.7040, 40.5120



117.3540, 7.9310, 4.9470



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.



195.2760, 44.1020, 26.7420



183.6410, 53.5000, 32.6360



202.8780, 47.4980, 9.2420



119.3430, 6.4640, 4.0000



63.6070, 95.5390, 58.2190



21.3020, 32.0450, 19.4770

Inverse Universe

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



195.2760, 44.1020, 26.7420



183.6410, 53.5000, 32.6360



217.1220, -47.4980, -9.2420



119.3430, 6.4640, 4.0000



63.6070, 95.5390, 58.2190



21.3020, 32.0450, 19.4770

Previews

White Background



This preview shows how the YIQ color 195.2760, 44.1020, 26.7420 looks on a white background.

Color Contrast Check

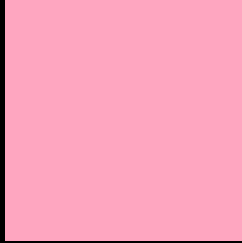
Large Text (above 18pt) WCAG AA × Fail

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 195.2760, 44.1020, 26.7420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

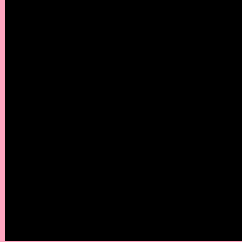
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.2760, 44.1020, 26.7420

Background



This preview shows how black text looks on a background with the YIQ color 195.2760, 44.1020, 26.7420.



This preview shows how white text looks on a background with the YIQ color 195.2760, 44.1020,

26.7420.

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

195.2760, 44.1020, 26.7420

Protanopia

192.1230, -4.5400, 5.1880

Deuteranopia

193.2300, 14.2120, 6.7560



Tritanopia

194.8970, 46.4870, 22.0630

Trichromacy



Original Color

195.2760, 44.1020, 26.7420



Protanomaly

193.1470, 13.2480, 13.2160



Deuteranomaly

194.0190, 25.3520, 14.1200



Tritanomaly

194.7660, 45.4780, 23.8300

Monochromacy



Original Color

195.2760, 44.1020, 26.7420



Achromatopsia

195.0000, -0.0000, 0.0000



Achromatomaly

194.7080, 15.8620, 9.8940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.2760, 44.1020, 26.7420 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(254, 166, 192)` looks like.

```
.text, #text, p{  
    color:rgb(254, 166, 192)  
}
```

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(254, 166, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 166, 192) }
```

Border

The CSS property to change the border of an element to YIQ 195.2760, 44.1020, 26.7420 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(254, 166, 192) }
```


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

```
.border{ border-color:rgb(254, 166, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 166, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 166, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 166, 192);  
box-shadow:4px 4px 4px 4px rgb(254, 166,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 195.2760, 44.1020, 26.7420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 166, 192) }
```

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

```
.background{ background-color: rgb(254,  
166, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor