

Converting Colors

YIQ(220.3550, 24.5260, 18.0780)

Have a look what the booklet for
YIQ(220.3550, 24.5260, 18.0780)
contains.

YIQ(220.3550, 24.5260, 18.0780)	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(220.3550, 24.5260,
18.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCAE0
RGB	255, 202, 224
RGB Percent	100%, 79%, 88%
CMY	0.0000, 0.2079, 0.1215
CMYK	0.00, 0.21, 0.12, 0.00
HSL	335°, 100%, 90%
HSV	335°, 21%, 100%
XYZ	75.8126, 68.8736, 79.8337
YIQ	220.3550, 24.5260, 18.0780

Conversions

Conversions Part 2

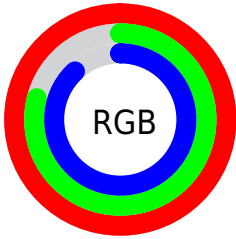
Format	Color
R _Y B	255, 202, 224
Decimal	16763616
CIE Lab	86.44, 22.14, -3.72
CIE LCh	86, 22.454, 350.457
Yxy	68.8736, 0.3377, 0.3068
Android (android.graphics.Color)	4294953696 (0xFFFFCAE0)
YUV	220.3550, 1.7970, 30.3837
Hunter-Lab	82.9901, 17.8296, 1.0580

Details

The YIQ color $220.3550, 24.5260, 18.0780$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $236.6450, -24.5260, -18.0780$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $165.3440, 23.0590, 17.1310$ is the 20% darker color. If you saturate the color by 10%, you get $203.3830, 36.4910, 27.0110$, and if you desaturate by 10%, it is $236.7400, 12.8360, 9.6680$.

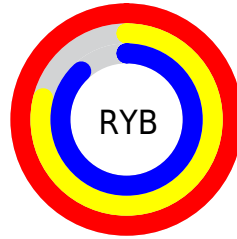
Distribution



Red (100%)

Green (79%)

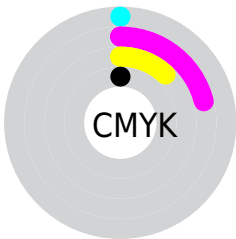
Blue (88%)



Red (100%)

Yellow (79%)

Blue (88%)

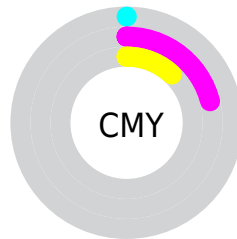


Cyan (0%)

Magenta (21%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.3550, 24.5260, 18.0780 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 220.3550, 24.5260, 18.0780 by changing the saturation by 10% instead.

220.3550, 24.5260,
18.0780

220.3550, 24.5260,
18.0780

255.0000, -0.0000,
-0.0000

192.0560, 23.9300,
17.8660

165.3440, 23.0590,
17.1310

138.6320, 22.1880,
16.3960

113.0340, 20.9960,
15.9720

87.7350, 20.4000,
15.7600

64.1370, 19.2080,
15.3360

41.2400, 17.4200,

14.7000

■ 19.0550, 16.5030,
14.7990

■ 4.7840, 9.5360,
3.3920

■ 220.3550, 24.5260,
18.0780

■ 220.3550, 24.5260,
18.0780

■ 203.3830, 36.4910,
27.0110

■ 236.7400, 12.8360,
9.6680

■ 186.9980, 48.1810,
35.4210

■ 253.7120, 0.8710,
0.7350

■ 170.0260, 60.1460,
44.3540

■ 255.0000, -0.0000,
-0.0000

■ 153.6410, 71.8360,
52.7640

■ 136.7830, 83.4800,
62.0080

■ 120.3980, 95.1700,
70.4180

■ 103.4260,
107.1350, 79.3510

■ 88.3290, 117.9540,
87.0260

Harmonies

Analogous

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



219.6010, 6.2780, 18.3900



220.3550, 24.5260, 18.0780



217.8470, 31.5880, 11.2360

Triad

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



220.3550, 24.5260, 18.0780



214.0870, 12.3360, -14.3200



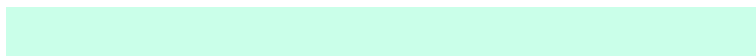
209.6710, -44.6100, -6.5140

Complementary

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



220.3550, 24.5260, 18.0780



236.6450, -24.5260, -18.0780

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.



207.5970, -41.7660, -14.0060



220.3550, 24.5260, 18.0780



211.3280, -7.5160, -17.9800

Square

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



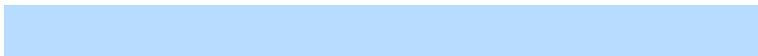
220.3550, 24.5260, 18.0780



216.4420, 27.6940, -6.3060



208.7910, -27.8730, -17.9930



213.2260, -32.6910, 3.2530

Rectangle

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



220.3550, 24.5260, 18.0780



217.6530, 34.8900, 6.4580



208.7910, -27.8730, -17.9930



208.7910, -45.0680, -9.2280

Sweetspot

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



220.3550, 24.5260, 18.0780



245.1690, 7.0140, 5.0460



217.3110, 1.4630, 23.0550



122.0330, 4.4010, 2.8410



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.



220.3550, 24.5260, 18.0780



213.2140, 29.4770, 21.9650



220.1950, 30.4880, 9.1440



119.4570, 6.1430, 4.3110



66.1150, 88.4770, 65.0610



22.1000, 29.7980, 21.6540

Inverse Universe

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



220.3550, 24.5260, 18.0780



213.2140, 29.4770, 21.9650



236.8050, -30.4880, -9.1440



119.4570, 6.1430, 4.3110



66.1150, 88.4770, 65.0610



22.1000, 29.7980, 21.6540

Previews

White Background



This preview shows how the YIQ color 220.3550, 24.5260, 18.0780 looks on a white background.

Color Contrast Check

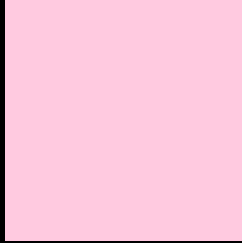
Large Text (above 18pt) WCAG AA × Fail

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 220.3550, 24.5260, 18.0780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

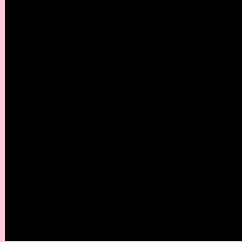
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.3550, 24.5260, 18.0780

Background



This preview shows how black text looks on a background with the YIQ color 220.3550, 24.5260, 18.0780.



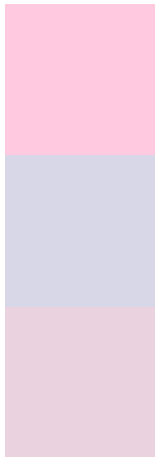
This preview shows how white text looks on a background with the YIQ color 220.3550, 24.5260,

18.0780.

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

220.3550, 24.5260, 18.0780

Protanopia

217.2370, -4.8610, 5.4990

Deuteranopia

218.9570, 10.7270, 9.3430



Tritanopia

220.0730, 25.2600, 15.7880

Trichromacy



Original Color

220.3550, 24.5260, 18.0780

Protanomaly

218.1460, 5.8210, 10.1490

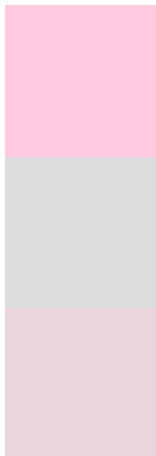
Deuteranomaly

219.2890, 15.7240, 12.3960

Tritanomaly

220.3010, 24.6180, 16.4100

Monochromacy



Original Color

220.3550, 24.5260, 18.0780

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.8920, 9.3520, 6.7280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.3550, 24.5260, 18.0780 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, 202, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 224)  
}
```

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, 202, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 224) }
```

Border

The CSS property to change the border of an element to YIQ 220.3550, 24.5260, 18.0780 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, 202, 224) }
```


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

```
.border{ border-color:rgb(255, 202, 224) }
```

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

Here you see how a box with a 4 pixel rgb(255, 202, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 220.3550, 24.5260, 18.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 224) }
```

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

```
.background{ background-color: rgb(255,  
202, 224) }
```

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