

Converting Colors

YIQ(208.4550, 44.0150, 0.7750)

Have a look what the booklet for
YIQ(208.4550, 44.0150, 0.7750)
contains.

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Color

**YIQ(208.4550, 44.0150,
0.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	FBC4A1
RGB	251, 196, 161
RGB Percent	98%, 77%, 63%
CMY	0.0156, 0.2314, 0.3684
CMYK	0.00, 0.22, 0.36, 0.02
HSL	23°, 92%, 81%
HSV	23°, 36%, 98%
XYZ	65.9659, 62.5588, 42.3403
YIQ	208.4550, 44.0150, 0.7750

Conversions

Conversions Part 2

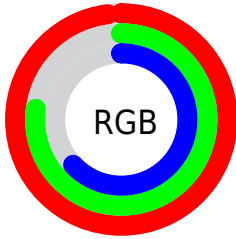
Format	Color
R _Y B	251, 218, 161
Decimal	16499873
CIE Lab	83.21, 15.06, 25.07
CIE LCh	83, 29.246, 59.008
Yxy	62.5588, 0.3861, 0.3661
Android (android.graphics.Color)	4294689953 (0xFFFB4A1)
YUV	208.4550, -23.3953, 37.3120
Hunter-Lab	79.0941, 10.4575, 23.6270

Details

The YIQ color $208.4550, 44.0150, 0.7750$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $203.5450, -44.0150, -0.7750$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.3800, 13.0690, -11.0830$, and $153.4870, 40.9890, 0.5490$ is the 20% darker color. If you saturate the color by 10%, you get $196.8000, 56.1650, 0.8450$, and if you desaturate by 10%, it is $220.1100, 31.8650, 0.7050$.

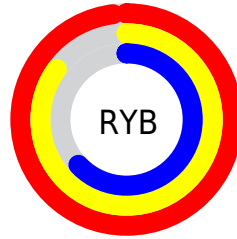
Distribution



Red (98%)

Green (77%)

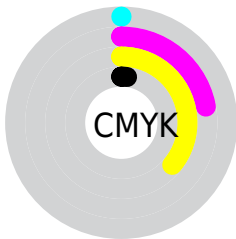
Blue (63%)



Red (98%)

Yellow (85%)

Blue (63%)

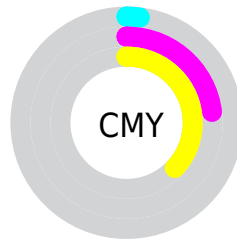


Cyan (0%)

Magenta (22%)

Yellow (36%)

Black (2%)



Cyan (2%)


Magenta (23%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 208.4550, 44.0150, 0.7750 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 208.4550, 44.0150, 0.7750 by changing the saturation by 10% instead.


 208.4550, 44.0150,
0.7750


 208.4550, 44.0150,
0.7750


255.0000, -0.0000,
-0.0000


 180.9710, 42.5020,
0.6620


 249.3800, 13.0690,
-11.0830


 153.4870, 40.9890,
0.5490

 253.8600, 3.2100,
-3.1100

 127.7040, 38.8800,
0.2240

 101.9210, 36.7710,
-0.1010

 77.2520, 34.3410,
-0.1150

 54.1700, 31.6360,
-0.6520

 32.0280, 29.1600,

0.1680

■ 10.7640, 21.4560,
7.6320

■ 0.0000, 0.0000,
0.0000

■ 208.4550, 44.0150,
0.7750

■ 208.4550, 44.0150,
0.7750

■ 196.8000, 56.1650,
0.8450

■ 220.1100, 31.8650,
0.7050

■ 184.5580, 68.5900,
1.4380

■ 232.3520, 19.4400,
0.1120

■ 172.9030, 80.7400,
1.5080

■ 244.0070, 7.2900,
0.0420

■ 161.2480, 92.8900,
1.5780

■ 253.8040, -2.3840,
-0.8480

■ 149.0060,
105.3150, 2.1710

■ 137.2370,
117.7860, 1.9300

■ 131.9880,
122.9210, 2.4810

Harmonies

Analogous

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



207.9360, 41.5830, 11.8150



208.4550, 44.0150, 0.7750



205.8350, 30.7210, -11.6070

Triad

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



208.4550, 44.0150, 0.7750



195.8320, -44.2860, -23.4060



209.8470, -11.9700, 18.7020

Complementary

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



208.4550, 44.0150, 0.7750



203.5450, -44.0150, -0.7750

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.



203.7680, -37.0930, 5.9390



208.4550, 44.0150, 0.7750



194.5500, -60.7470, -16.9310

Square

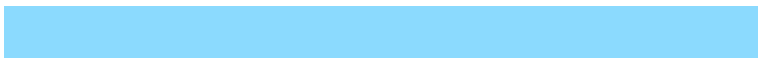
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



208.4550, 44.0150, 0.7750



199.3650, -18.1060, -24.2980



198.4830, -58.6400, -5.5520



211.9660, 15.6760, 24.2840

Rectangle

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



208.4550, 44.0150, 0.7750



204.0180, 16.7840, -17.8400



198.4830, -58.6400, -5.5520



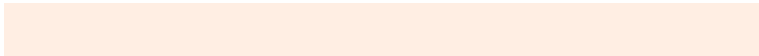
208.0200, -19.9470, 14.5890

Sweetspot

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



208.4550, 44.0150, 0.7750



241.8290, 13.6630, 0.1830



194.2940, 35.6640, 36.4960



119.6050, 8.4820, 0.4660



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.



208.4550, 44.0150, 0.7750



203.1310, 53.7350, 0.8310



234.8700, 31.6400, -22.7600



118.8220, 6.3730, 0.1410



99.3620, 92.5690, 1.8890



32.3270, 29.7560, 0.3800

Inverse Universe

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



203.5450, -44.0150, -0.7750



196.8690, -53.7350, -0.8310



177.7170, -31.9150, 22.2370



118.1780, -6.3730, -0.1410



89.0510, -92.2940, -1.3660



28.6730, -29.7560, -0.3800

Previews

White Background



This preview shows how the YIQ color 208.4550, 44.0150, 0.7750 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 208.4550, 44.0150, 0.7750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

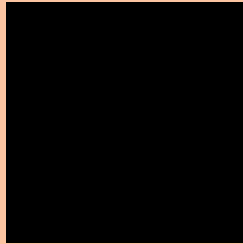
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.4550, 44.0150, 0.7750

Background



This preview shows how black text looks on a background with the YIQ color 208.4550, 44.0150, 0.7750.



This preview shows how white text looks on a background with the YIQ color 208.4550, 44.0150,

0.7750.

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

208.4550, 44.0150, 0.7750

Protanopia

206.2130, 20.9090, -9.9950

Deuteranopia

207.7100, 38.7430, -2.8010



Tritanopia

211.1450, 33.9250, 18.4450

Trichromacy



Original Color

208.4550, 44.0150, 0.7750

Protanomaly

206.9260, 29.2070, -6.1930

Deuteranomaly

208.0200, 40.8060, -1.6420

Tritanomaly

210.1960, 37.9150, 12.2110

Monochromacy



Original Color

208.4550, 44.0150, 0.7750

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

208.4980, 16.0930, 0.1970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.4550, 44.0150, 0.7750 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(251, 196, 161)` looks like.

```
.text, #text, p{  
    color:rgb(251, 196, 161)  
}
```

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(251, 196, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 196, 161) }
```

Border

The CSS property to change the border of an element to YIQ 208.4550, 44.0150, 0.7750 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(251, 196, 161) }
```


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

```
.border{ border-color:rgb(251, 196, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 196, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 196, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 196, 161);  
box-shadow:4px 4px 4px 4px rgb(251, 196,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 208.4550, 44.0150, 0.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 196, 161) }
```

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

```
.background{ background-color: rgb(251,  
196, 161) }
```

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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