

Converting Colors

YIQ(207.6660, 42.0430, 3.4750)

Have a look what the booklet for
YIQ(207.6660, 42.0430, 3.4750)
contains.

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Color

**YIQ(207.6660, 42.0430,
3.4750)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC2A7
RGB	250, 194, 167
RGB Percent	98%, 76%, 65%
CMY	0.0195, 0.2393, 0.3449
CMYK	0.00, 0.22, 0.33, 0.02
HSL	19°, 89%, 82%
HSV	19°, 33%, 98%
XYZ	65.7010, 61.6943, 45.0278
YIQ	207.6660, 42.0430, 3.4750

Conversions

Conversions Part 2

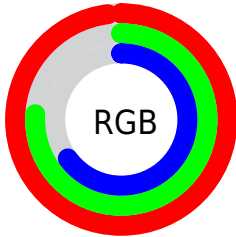
Format	Color
R _Y B	250, 207, 167
Decimal	16433831
CIE Lab	82.75, 16.44, 21.25
CIE LCh	83, 26.873, 52.270
Yxy	61.6943, 0.3810, 0.3578
Android (android.graphics.Color)	4294623911 (0xFFFA C2A7)
YUV	207.6660, -20.0483, 37.1269
Hunter-Lab	78.5457, 11.8545, 20.9929

Details

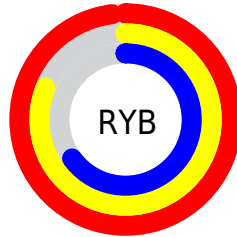
The YIQ color $207.6660, 42.0430, 3.4750$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $209.3340, -42.0430, -3.4750$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.8900, 11.6930, -8.1710$, and $152.6980, 39.0170, 3.2490$ is the 20% darker color. If you saturate the color by 10%, you get $194.8370, 54.7430, 4.5910$, and if you desaturate by 10%, it is $220.4950, 29.3430, 2.3590$.

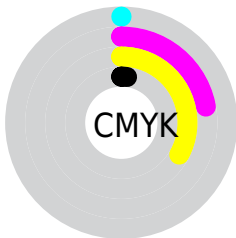
Distribution



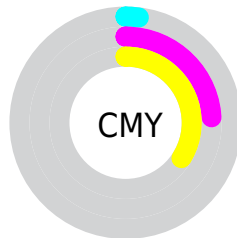
- Red (98%)
- Green (76%)
- Blue (65%)



- Red (98%)
- Yellow (81%)
- Blue (65%)



- Cyan (0%)
- Magenta (22%)
- Yellow (33%)
- Black (2%)




- Cyan (2%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 207.6660, 42.0430, 3.4750 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 207.6660, 42.0430, 3.4750 by changing the saturation by 10% instead.

 207.6660, 42.0430,
3.4750

 207.6660, 42.0430,
3.4750


255.0000, -0.0000,
-0.0000


 180.1820, 40.5300,
3.3620


 248.8900, 11.6930,
-8.1710


 152.6980, 39.0170,
3.2490

 254.5440, 1.2840,
-1.2440

 126.8010, 37.2290,
2.6130

 101.4310, 35.3950,
2.8110

 76.6480, 33.2860,
2.4860

 53.5660, 30.5810,
1.9490

 30.8540, 29.7100,

1.2140

■ 10.7640, 21.4560,
7.6320

■ 0.0000, 0.0000,
0.0000

■ 207.6660, 42.0430,
3.4750

■ 207.6660, 42.0430,
3.4750

■ 194.8370, 54.7430,
4.5910

■ 220.4950, 29.3430,
2.3590

■ 182.0080, 67.4430,
5.7070

■ 233.3240, 16.6430,
1.2430

■ 169.1790, 80.1430,
6.8230

■ 246.1530, 3.9430,
0.1270

■ 156.3500, 92.8430,
7.9390

■ 253.5050, -2.9800,
-1.0600

■ 144.1080,
105.2680, 8.5320

■ 131.2790,
117.9680, 9.6480

■ 122.2970,
126.7250, 10.6370

Harmonies

Analogous

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



208.6200, 39.6570, 13.6810



207.6660, 42.0430, 3.4750



205.4270, 32.0500, -8.1580

Triad

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



207.6660, 42.0430, 3.4750



196.5620, -34.6580, -21.6820



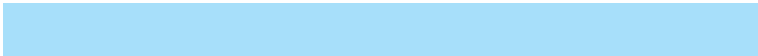
207.8140, -16.3710, 15.8610

Complementary

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



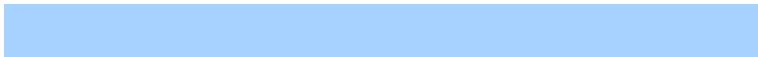
207.6660, 42.0430, 3.4750



209.3340, -42.0430, -3.4750

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.



202.2730, -40.0730, 4.8790



207.6660, 42.0430, 3.4750



194.7420, -52.5400, -16.9880

Square

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



207.6660, 42.0430, 3.4750



199.8390, -10.6330, -22.0650



197.1690, -54.8800, -7.6160



210.2640, 8.8450, 21.4290

Rectangle

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



207.6660, 42.0430, 3.4750



203.9800, 19.9470, -14.5890



197.1690, -54.8800, -7.6160



206.2150, -24.9900, 12.3700

Sweetspot

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



207.6660, 42.0430, 3.4750



242.1710, 12.7000, 1.1160



198.3150, 31.1710, 35.3230



119.7190, 8.1610, 0.7770



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.



207.6660, 42.0430, 3.4750



202.8690, 51.7170, 4.3650



231.7330, 30.7680, -17.9680



118.8220, 6.3730, 0.1410



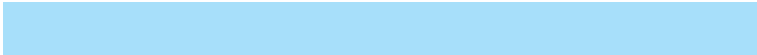
92.3180, 95.8690, 8.1650



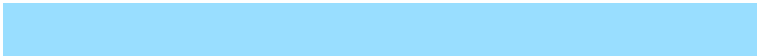
29.9790, 30.8560, 2.4720

Inverse Universe

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



209.3340, -42.0430, -3.4750



205.1310, -51.7170, -4.3650



185.2670, -30.7680, 17.9680



118.7650, -6.6480, -0.6640



96.0950, -95.5940, -7.6420



31.0210, -30.8560, -2.4720

Previews

White Background



This preview shows how the YIQ color 207.6660, 42.0430, 3.4750 looks on a white background.

Color Contrast Check

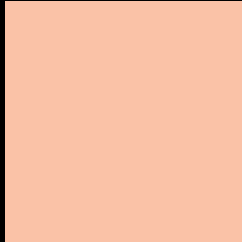
Large Text (above 18pt) WCAG AA × Fail

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 207.6660, 42.0430, 3.4750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

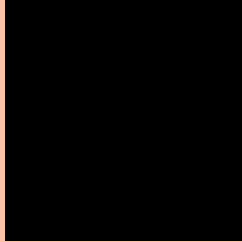
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 207.6660, 42.0430, 3.4750

Background



This preview shows how black text looks on a background with the YIQ color 207.6660, 42.0430, 3.4750.



This preview shows how white text looks on a background with the YIQ color 207.6660, 42.0430,

3.4750.

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

207.6660, 42.0430, 3.4750

Protanopia

205.8260, 17.7450, -7.7190

Deuteranopia

206.9100, 35.3040, -1.0480



Tritanopia

210.0310, 34.2460, 18.1340

Trichromacy



Original Color

207.6660, 42.0430, 3.4750

Protanomaly

206.8380, 26.6390, -3.7050

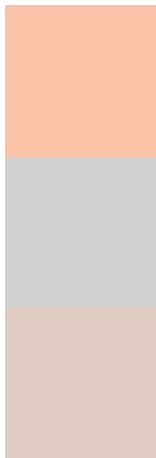
Deuteranomaly

207.5190, 37.9630, 0.3230

Tritanomaly

209.4240, 37.2730, 12.8330

Monochromacy



Original Color

207.6660, 42.0430, 3.4750

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

207.8400, 15.1300, 1.1300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.6660, 42.0430, 3.4750 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(250, 194, 167)` looks like.

```
.text, #text, p{  
    color:rgb(250, 194, 167)  
}
```

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(250, 194, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 194, 167) }
```

Border

The CSS property to change the border of an element to YIQ 207.6660, 42.0430, 3.4750 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(250, 194, 167) }
```


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

```
.border{ border-color:rgb(250, 194, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 194, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 194, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 194, 167); box-shadow:4px 4px 4px 4px rgb(250, 194, 167) }
```

Background

The CSS property to change the background color of an element to YIQ 207.6660, 42.0430, 3.4750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 194, 167) }
```

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

```
.background{ background-color: rgb(250,  
194, 167) }
```

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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