

Converting Colors

YIQ(202.3240, 43.0060, 2.5420)

Have a look what the booklet for
YIQ(202.3240, 43.0060, 2.5420)
contains.

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Color

**YIQ(202.3240, 43.0060,
2.5420)**

Conversions

Conversions Part 1

Format	Color
Hex	F5BD9F
RGB	245, 189, 159
RGB Percent	96%, 74%, 62%
CMY	0.0391, 0.2589, 0.3763
CMYK	0.00, 0.23, 0.35, 0.04
HSL	21°, 81%, 79%
HSV	21°, 35%, 96%
XYZ	62.1212, 58.3077, 40.8038
YIQ	202.3240, 43.0060, 2.5420

Conversions

Conversions Part 2

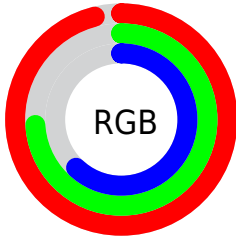
Format	Color
R _Y B	245, 205, 159
Decimal	16104863
CIE Lab	80.91, 16.20, 22.89
CIE LCh	81, 28.045, 54.714
Yxy	58.3077, 0.3853, 0.3616
Android (android.graphics.Color)	4294294943 (0xFFF5BD9F)
YUV	202.3240, -21.3587, 37.4269
Hunter-Lab	76.3595, 11.5872, 21.7692

Details

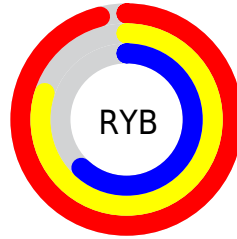
The YIQ color **202.3240, 43.0060, 2.5420** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **201.6760, -43.0060, -2.5420**, and the grayscale version is **203.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **244.4560, 15.9110, -7.5210**, and **147.9430, 39.7050, 1.7930** is the 20% darker color. If you saturate the color by 10%, you get **190.1960, 55.1100, 3.4460**, and if you desaturate by 10%, it is **214.5660, 30.5810, 1.9490**.

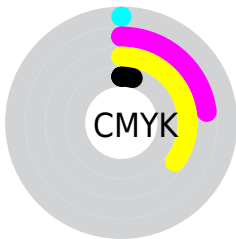
Distribution



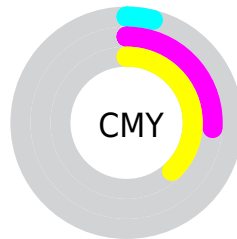
- Red (96%)
- Green (74%)
- Blue (62%)



- Red (96%)
- Yellow (80%)
- Blue (62%)



- Cyan (0%)
- Magenta (23%)
- Yellow (35%)
- Black (4%)




- Cyan (4%)
- Magenta (26%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 202.3240, 43.0060, 2.5420 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 202.3240, 43.0060, 2.5420 by changing the saturation by 10% instead.

 202.3240, 43.0060,
2.5420


 202.3240, 43.0060,
2.5420


255.0000, -0.0000,
-0.0000


 174.8400, 41.4930,
2.4290


 244.4560, 15.9110,
-7.5210


 147.9430, 39.7050,
1.7930

 253.5180, 4.1730,
-4.0430

 121.5730, 37.8710,
1.9910

 96.7900, 35.7620,
1.6660

 72.1210, 33.3320,
1.6520

 49.0390, 30.6270,
1.1150

 27.5980, 27.5550,

1.7230

■ 9.5680, 19.0720,
6.7840

■ 0.0000, 0.0000,
0.0000

■ 202.3240, 43.0060,
2.5420

■ 202.3240, 43.0060,
2.5420

■ 190.1960, 55.1100,
3.4460

■ 214.5660, 30.5810,
1.9490

■ 177.9540, 67.5350,
4.0390

■ 226.6940, 18.4770,
1.0450

■ 165.8260, 79.6390,
4.9430

■ 238.9360, 6.0520,
0.4520

■ 153.5840, 92.0640,
5.5360

■ 250.8360, -5.4100,
-1.0740

■ 141.4560,
104.1680, 6.4400

■ 252.0100, -5.9600,
-2.1200

■ 129.2140,
116.5930, 7.0330

■ 123.1500,
122.6450, 7.4850

Harmonies

Analogous

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



203.8870, 43.2790, 14.1190



202.3240, 43.0060, 2.5420



200.4870, 31.8210, -9.5150

Triad

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



202.3240, 43.0060, 2.5420



190.2950, -38.2800, -22.1200



202.8250, -14.9040, 16.8080

Complementary

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



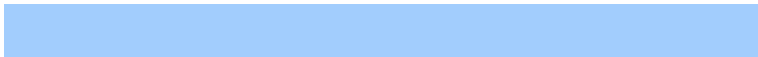
202.3240, 43.0060, 2.5420



201.6760, -43.0060, -2.5420

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.



197.6150, -41.0360, 5.8120



202.3240, 43.0060, 2.5420



188.5890, -56.4830, -17.1150

Square

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



202.3240, 43.0060, 2.5420



193.7570, -13.3380, -22.6020



191.9130, -57.0350, -7.1070



204.9870, 11.1830, 23.1110

Rectangle

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



202.3240, 43.0060, 2.5420



198.1540, 19.3970, -15.6350



191.9130, -57.0350, -7.1070



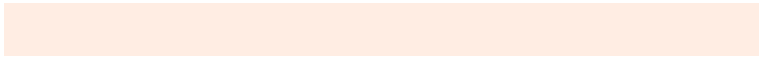
201.3400, -23.8440, 13.6280

Sweetspot

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



202.3240, 43.0060, 2.5420



241.2420, 13.9380, 0.7060



191.2120, 32.9590, 35.9590



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.



202.3240, 43.0060, 2.5420



201.7120, 53.5970, 3.3330



226.9780, 31.4560, -19.4240



115.9360, 6.0520, 0.4520



93.7690, 92.9810, 5.4370



29.3810, 29.6640, 2.0480

Inverse Universe

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



201.6760, -43.0060, -2.5420



201.2880, -53.5970, -3.3330



177.0220, -31.4560, 19.4240



116.0640, -6.0520, -0.4520



92.2310, -92.9810, -5.4370



29.0320, -29.3890, -1.5250

Previews

White Background



This preview shows how the YIQ color 202.3240, 43.0060, 2.5420 looks on a white background.

Color Contrast Check

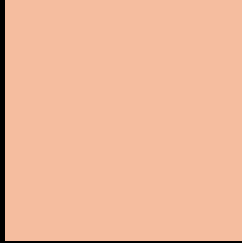
Large Text (above 18pt) WCAG AA × Fail

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 202.3240, 43.0060, 2.5420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

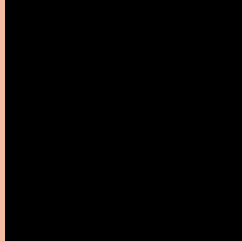
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.3240, 43.0060, 2.5420

Background



This preview shows how black text looks on a background with the YIQ color 202.3240, 43.0060, 2.5420.



This preview shows how white text looks on a background with the YIQ color 202.3240, 43.0060,

2.5420.

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

202.3240, 43.0060, 2.5420

Protanopia

200.4840, 18.7080, -8.6520

Deuteranopia

201.5680, 36.2670, -1.9810



Tritanopia

205.0310, 34.2460, 18.1340

Trichromacy



Original Color

202.3240, 43.0060, 2.5420

Protanomaly

201.4960, 27.6020, -4.6380

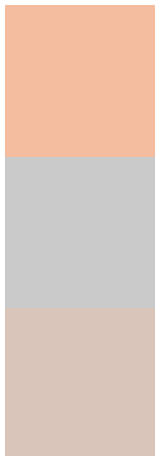
Deuteranomaly

202.1770, 38.9260, -0.6100

Tritanomaly

204.3100, 37.5940, 12.5220

Monochromacy



Original Color

202.3240, 43.0060, 2.5420

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

202.0250, 16.0470, 1.0310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.3240, 43.0060, 2.5420 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(245, 189, 159)` looks like.

```
.text, #text, p{  
    color:rgb(245, 189, 159)  
}
```

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(245, 189, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 189, 159) }
```

Border

The CSS property to change the border of an element to YIQ 202.3240, 43.0060, 2.5420 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(245, 189, 159) }
```


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

```
.border{ border-color:rgb(245, 189, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 189, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 189, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 189, 159);  
box-shadow:4px 4px 4px 4px rgb(245, 189,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 202.3240, 43.0060, 2.5420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 189, 159) }
```

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

```
.background{ background-color: rgb(245,  
189, 159) }
```

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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