

Converting Colors

YIQ(200.9820, 43.9690, 1.6090)

Have a look what the booklet for
YIQ(200.9820, 43.9690, 1.6090)
contains.

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Color

**YIQ(200.9820, 43.9690,
1.6090)**

Conversions

Conversions Part 1

Format	Color
Hex	F4BC9B
RGB	244, 188, 155
RGB Percent	96%, 74%, 61%
CMY	0.0430, 0.2628, 0.3920
CMYK	0.00, 0.23, 0.36, 0.04
HSL	22°, 80%, 78%
HSV	22°, 36%, 96%
XYZ	61.2171, 57.5629, 38.9171
YIQ	200.9820, 43.9690, 1.6090

Conversions

Conversions Part 2

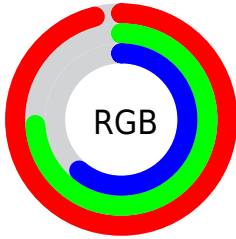
Format	Color
RYB	244, 207, 155
Decimal	16039067
CIELab	80.50, 15.87, 24.44
CIElCh	80, 29.138, 56.996
Yxy	57.5629, 0.3882, 0.3650
Android (android.graphics.Color)	4294229147 (0xFFF4BC9B)
YUV	200.9820, -22.6691, 37.7268
Hunter-Lab	75.8702, 11.2527, 22.6968

Details

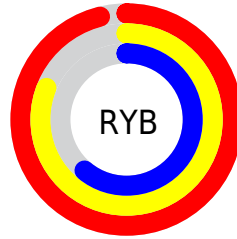
The YIQ color $200.9820, 43.9690, 1.6090$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $198.0180, -43.9690, -1.6090$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $243.4130, 17.4700, -8.2420$, and $146.7150, 40.3470, 1.1710$ is the 20% darker color. If you saturate the color by 10%, you get $189.4410, 55.7980, 1.9900$, and if you desaturate by 10%, it is $212.5230, 32.1400, 1.2280$.

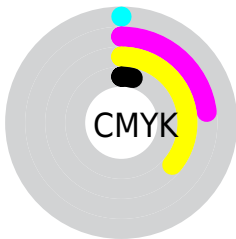
Distribution



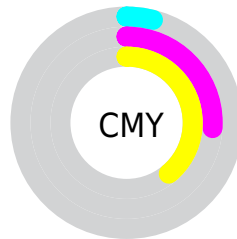
- Red (96%)
- Green (74%)
- Blue (61%)



- Red (96%)
- Yellow (81%)
- Blue (61%)



- Cyan (0%)
- Magenta (23%)
- Yellow (36%)
- Black (4%)





- Cyan (4%)
- Magenta (26%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 200.9820, 43.9690, 1.6090 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 200.9820, 43.9690, 1.6090 by changing the saturation by 10% instead.


 200.9820, 43.9690,
1.6090


 200.9820, 43.9690,
1.6090


255.0000, -0.0000,
-0.0000


 173.4980, 42.4560,
1.4960


 243.4130, 17.4700,
-8.2420


 146.7150, 40.3470,
1.1710

 253.0620, 5.4570,
-5.2870

 120.2310, 38.8340,
1.0580

 95.4480, 36.7250,
0.7330

 70.7790, 34.2950,
0.7190

 47.6970, 31.5900,
0.1820

 26.4130, 26.6380,

1.8220

■ 9.2690, 18.4760,
6.5720

■ 0.0000, 0.0000,
0.0000

■ 200.9820, 43.9690,
1.6090

■ 200.9820, 43.9690,
1.6090

■ 189.4410, 55.7980,
1.9900

■ 212.5230, 32.1400,
1.2280

■ 177.1990, 68.2230,
2.5830

■ 224.7650, 19.7150,
0.6350

■ 165.6580, 80.0520,
2.9640

■ 236.3060, 7.8860,
0.2540

■ 153.4160, 92.4770,
3.5570

■ 247.9610, -4.2640,
0.1840

■ 141.8750,
104.3060, 3.9380

■ 251.7110, -6.5560,
-2.3320

■ 130.3340,
116.1350, 4.3190

■ 125.7860,
120.6740, 4.6580

Harmonies

Analogous

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



202.5560, 45.7090, 14.1330



200.9820, 43.9690, 1.6090



198.6610, 31.2710, -10.5610

Triad

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



200.9820, 43.9690, 1.6090



188.6150, -42.1770, -23.0810



201.9500, -13.7580, 18.0660

Complementary

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



200.9820, 43.9690, 1.6090



198.0180, -43.9690, -1.6090

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.



196.5550, -40.8070, 7.1690



200.9820, 43.9690, 1.6090



186.6210, -59.5090, -17.3410

Square

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



200.9820, 43.9690, 1.6090



192.1480, -15.9970, -23.9730



190.0700, -58.9150, -6.0750



204.1830, 13.5670, 23.9590

Rectangle

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



200.9820, 43.9690, 1.6090



196.9150, 18.5720, -17.2040



190.0700, -58.9150, -6.0750



200.5790, -23.0190, 15.1970

Sweetspot

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



200.9820, 43.9690, 1.6090



241.2420, 13.9380, 0.7060



187.9950, 35.0680, 36.2840



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.



200.9820, 43.9690, 1.6090



200.5550, 55.4770, 2.3010



226.8100, 31.8690, -21.4030



116.5230, 5.7770, -0.0710



96.1170, 91.8810, 3.3450



30.5550, 29.1140, 1.0020

Inverse Universe

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



198.0180, -43.9690, -1.6090



196.8580, -55.2020, -1.7780



172.1900, -31.8690, 21.4030



116.0640, -6.0520, -0.4520



89.8830, -91.8810, -3.3450



28.4450, -29.1140, -1.0020

Previews

White Background



This preview shows how the YIQ color 200.9820, 43.9690, 1.6090 looks on a white background.

Color Contrast Check

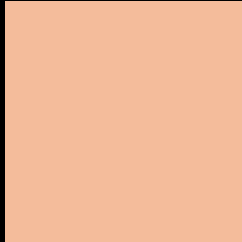
Large Text (above 18pt) WCAG AA × Fail

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 200.9820, 43.9690, 1.6090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

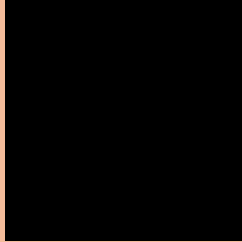
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.9820, 43.9690, 1.6090

Background



This preview shows how black text looks on a background with the YIQ color 200.9820, 43.9690, 1.6090.



This preview shows how white text looks on a background with the YIQ color 200.9820, 43.9690,

1.6090.

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

200.9820, 43.9690, 1.6090

Protanopia

199.0280, 19.9920, -9.8960

Deuteranopia

200.5250, 37.8260, -2.7020



Tritanopia

203.3300, 34.8420, 18.3460

Trichromacy



Original Color

200.9820, 43.9690, 1.6090

Protanomaly

200.0400, 28.8860, -5.8820

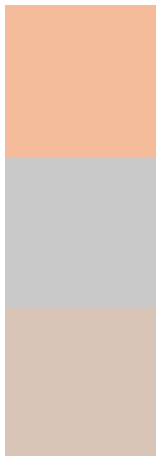
Deuteranomaly

200.8350, 39.8890, -1.5430

Tritanomaly

202.4950, 38.5110, 12.4230

Monochromacy



Original Color

200.9820, 43.9690, 1.6090

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.9110, 16.3680, 0.7200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.9820, 43.9690, 1.6090 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(244, 188, 155)` looks like.

```
.text, #text, p{  
    color:rgb(244, 188, 155)  
}
```

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(244, 188, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 188, 155) }
```

Border

The CSS property to change the border of an element to YIQ 200.9820, 43.9690, 1.6090 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(244, 188, 155) }
```


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

```
.border{ border-color:rgb(244, 188, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 188, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 188, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 188, 155);  
box-shadow:4px 4px 4px 4px rgb(244, 188,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 200.9820, 43.9690, 1.6090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 188, 155) }
```

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

```
.background{ background-color: rgb(244,  
188, 155) }
```

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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