

Converting Colors

YIQ(200.6670, 49.4700, 6.5420)

Have a look what the booklet for
YIQ(200.6670, 49.4700, 6.5420)
contains.

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Color

**YIQ(200.6670, 49.4700,
6.5420)**

Conversions

Conversions Part 1

Format	Color
Hex	FCB79D
RGB	252, 183, 157
RGB Percent	99%, 72%, 62%
CMY	0.0116, 0.2824, 0.3841
CMYK	0.00, 0.27, 0.38, 0.01
HSL	16°, 94%, 80%
HSV	16°, 38%, 99%
XYZ	63.1766, 56.9937, 39.5941
YIQ	200.6670, 49.4700, 6.5420

Conversions

Conversions Part 2

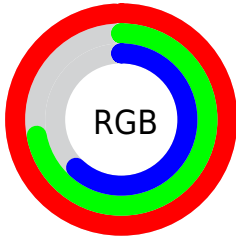
Format	Color
R _Y B	252, 193, 157
Decimal	16562077
CIE Lab	80.18, 21.81, 23.07
CIE LCh	80, 31.742, 46.610
Yxy	56.9937, 0.3954, 0.3567
Android (android.graphics.Color)	4294752157 (0xFFFCB79D)
YUV	200.6670, -21.5278, 45.0190
Hunter-Lab	75.4942, 17.2612, 21.7503

Details

The YIQ color **200.6670, 49.4700, 6.5420** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **208.3330, -49.4700, -6.5420**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.7060, 18.2030, -5.0050**, and **146.1010, 45.2520, 5.8920** is the 20% darker color. If you saturate the color by 10%, you get **187.2510, 62.4450, 8.1810**, and if you desaturate by 10%, it is **214.0830, 36.4950, 4.9030**.

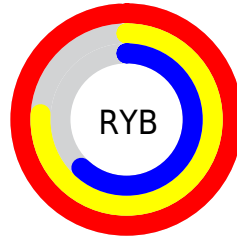
Distribution



Red (99%)

Green (72%)

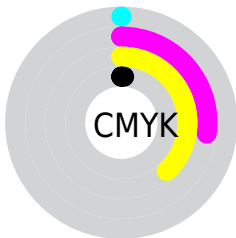
Blue (62%)



Red (99%)

Yellow (76%)

Blue (62%)

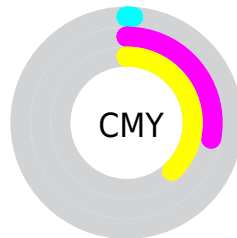


Cyan (0%)

Magenta (27%)

Yellow (38%)

Black (1%)



Cyan (1%)


Magenta (28%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 200.6670, 49.4700, 6.5420 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 200.6670, 49.4700, 6.5420 by changing the saturation by 10% instead.

 200.6670, 49.4700,
6.5420


 200.6670, 49.4700,
6.5420


255.0000, -0.0000,
-0.0000


 172.8840, 47.3610,
6.2170


 240.7060, 18.2030,
-5.0050


 146.4000, 45.8480,
6.1040

 253.2900, 4.8150,
-4.6650

 119.6170, 43.7390,
5.7790

 94.5350, 41.0340,
5.2420

 69.8660, 38.6040,
5.2280

 46.7840, 35.8990,
4.6910

 24.3860, 31.2680,

6.0200

■ 10.8780, 21.1350,
7.9430

■ 0.0000, 0.0000,
0.0000

■ 200.6670, 49.4700,
6.5420

■ 200.6670, 49.4700,
6.5420

■ 187.2510, 62.4450,
8.1810

■ 214.0830, 36.4950,
4.9030

■ 173.2480, 75.6950,
10.3430

■ 228.0860, 23.2450,
2.7410

■ 159.7180, 88.9910,
11.6710

■ 241.6160, 9.9490,
1.4130

■ 146.3020,
101.9660, 13.3100

■ 254.1030, -1.7880,
-0.6360

■ 132.2990,
115.2160, 15.4720

■ 118.8830,
128.1910, 17.1110

■ 115.8510,
131.2170, 17.3370

Harmonies

Analogous

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



201.0060, 44.5620, 18.4020



200.6670, 49.4700, 6.5420



198.2600, 39.8900, -7.0700

Triad

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



200.6670, 49.4700, 6.5420



187.2580, -36.8580, -25.8660



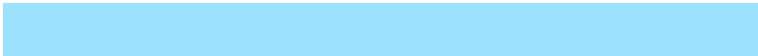
199.4370, -25.4950, 16.0170

Complementary

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



200.6670, 49.4700, 6.5420



208.3330, -49.4700, -6.5420

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.



192.4500, -53.8730, 1.6710



200.6670, 49.4700, 6.5420



183.9040, -61.9840, -22.0480

Square

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



200.6670, 49.4700, 6.5420



191.9980, -6.8270, -24.9630



185.1070, -69.5050, -12.3930



203.2190, 4.7180, 24.6380

Rectangle

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



200.6670, 49.4700, 6.5420



196.7590, 27.8790, -15.1690



185.1070, -69.5050, -12.3930



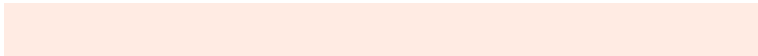
196.7130, -35.2600, 11.2680

Sweetspot

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



200.6670, 49.4700, 6.5420



240.0680, 14.4880, 1.7520



193.3850, 34.1500, 41.9100



118.4310, 9.0320, 1.5120



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.



200.6670, 49.4700, 6.5420



193.1690, 59.7400, 7.6440



228.2560, 36.5450, -18.0390



118.2350, 6.6480, 0.6640



86.4480, 98.6190, 13.3950



28.2180, 31.6810, 4.0410

Inverse Universe

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



208.3330, -49.4700, -6.5420



202.4180, -60.0150, -8.1670



180.7440, -36.5450, 18.0390



119.3520, -6.9230, -1.1870



101.9650, -98.3440, -12.8720



32.7820, -31.6810, -4.0410

Previews

White Background



This preview shows how the YIQ color 200.6670, 49.4700, 6.5420 looks on a white background.

Color Contrast Check

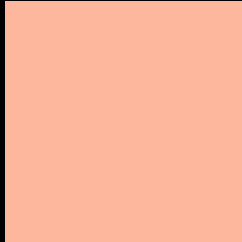
Large Text (above 18pt) WCAG AA × Fail

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 200.6670, 49.4700, 6.5420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

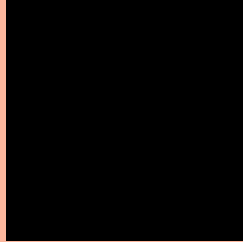
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.6670, 49.4700, 6.5420

Background



This preview shows how black text looks on a background with the YIQ color 200.6670, 49.4700, 6.5420.



This preview shows how white text looks on a background with the YIQ color 200.6670, 49.4700,

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

200.6670, 49.4700, 6.5420

Protanopia

198.7120, 18.0660, -8.0300

Deuteranopia

199.4540, 36.5880, -2.2920



Tritanopia

202.6190, 41.3980, 20.6780

Trichromacy



Original Color

200.6670, 49.4700, 6.5420

Protanomaly

199.3330, 29.6190, -2.6450

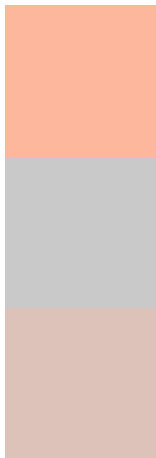
Deuteranomaly

199.9000, 41.2640, 1.0720

Tritanomaly

202.0120, 44.4250, 15.3770

Monochromacy



Original Color

200.6670, 49.4700, 6.5420

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.7480, 18.3850, 2.7130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.6670, 49.4700, 6.5420 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(252, 183, 157)` looks like.

```
.text, #text, p{  
    color:rgb(252, 183, 157)  
}
```

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(252, 183, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 183, 157) }
```

Border

The CSS property to change the border of an element to YIQ 200.6670, 49.4700, 6.5420 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(252, 183, 157) }
```


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

```
.border{ border-color:rgb(252, 183, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 183, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 183, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 183, 157);  
box-shadow:4px 4px 4px 4px rgb(252, 183,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 200.6670, 49.4700, 6.5420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 183, 157) }
```

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

```
.background{ background-color: rgb(252,  
183, 157) }
```

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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