

Converting Colors

YIQ(200.5210, 52.8170, 6.4570)

Have a look what the booklet for
YIQ(200.5210, 52.8170, 6.4570)
contains.

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Color

**YIQ(200.5210, 52.8170,
6.4570)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB699
RGB	255, 182, 153
RGB Percent	100%, 71%, 60%
CMY	0.0000, 0.2864, 0.3998
CMYK	0.00, 0.29, 0.40, 0.00
HSL	17°, 100%, 80%
HSV	17°, 40%, 100%
XYZ	63.7163, 57.0052, 37.8075
YIQ	200.5210, 52.8170, 6.4570

Conversions

Conversions Part 2

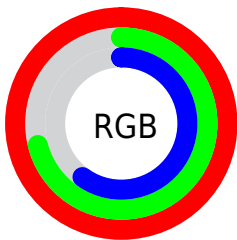
Format	Color
R_{YB}	255, 194, 153
Decimal	16758425
CIE Lab	80.18, 23.02, 25.26
CIE LCh	80, 34.173, 47.659
Yxy	57.0052, 0.4019, 0.3596
Android (android.graphics.Color)	4294948505 (0xFFFFB699)
YUV	200.5210, -23.4279, 47.7781
Hunter-Lab	75.5018, 18.5089, 23.1618

Details

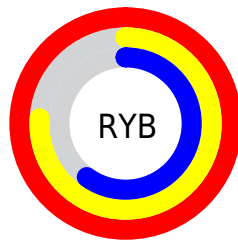
The YIQ color **200.5210, 52.8170, 6.4570** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **207.4790, -52.8170, -6.4570**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **239.5490, 20.0830, -6.0370**, and **145.9550, 48.5990, 5.8070** is the 20% darker color. If you saturate the color by 10%, you get **187.1050, 65.7920, 8.0960**, and if you desaturate by 10%, it is **214.0510, 39.5210, 5.1290**.

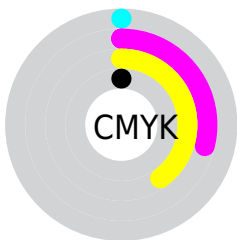
Distribution



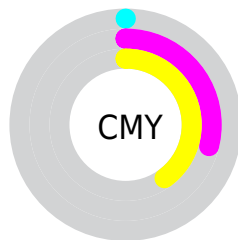
- Red (100%)
- Green (71%)
- Blue (60%)



- Red (100%)
- Yellow (76%)
- Blue (60%)



- Cyan (0%)
- Magenta (29%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 200.5210, 52.8170, 6.4570 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 200.5210, 52.8170, 6.4570 by changing the saturation by 10% instead.


 200.5210, 52.8170,
6.4570

 200.5210, 52.8170,
6.4570


255.0000, -0.0000,
-0.0000


 172.7380, 50.7080,
6.1320


 239.6630, 19.7620,
-5.7260


 145.9550, 48.5990,
5.8070

 252.8340, 6.0990,
-5.9090

 119.2860, 46.1690,
5.7930

 94.2040, 43.4640,
5.2560

 69.5350, 41.0340,
5.2420

 46.0400, 38.0540,
4.1820

 23.5110, 32.4140,

7.2780

■ 11.1770, 21.7310,
8.1550

■ 0.0000, 0.0000,
0.0000

■ 200.5210, 52.8170,
6.4570

■ 200.5210, 52.8170,
6.4570

■ 187.1050, 65.7920,
8.0960

■ 214.0510, 39.5210,
5.1290

■ 172.9880, 79.3630,
9.9470

■ 228.0540, 26.2710,
2.9670

■ 159.5720, 92.3380,
11.5860

■ 241.5840, 12.9750,
1.6390

■ 146.0420,
105.6340, 12.9140

255.0000, -0.0000,
-0.0000

■ 132.6260,
118.6090, 14.5530

■ 118.5090,
132.1800, 16.4040

Harmonies

Analogous

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



200.1910, 45.4790, 18.3030



200.5210, 52.8170, 6.4570



197.9890, 42.0910, -8.4130

Triad

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



200.5210, 52.8170, 6.4570



186.3390, -41.5800, -28.3960



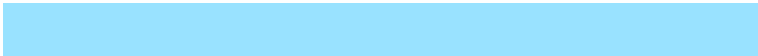
198.8500, -25.2200, 16.5400

Complementary

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



200.5210, 52.8170, 6.4570



207.4790, -52.8170, -6.4570

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.



190.9550, -56.8530, 0.6110



200.5210, 52.8170, 6.4570



181.4300, -69.4570, -24.2810

Square

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



200.5210, 52.8170, 6.4570



191.1610, -8.8440, -26.9560



183.1600, -77.0240, -13.7920



203.1700, 6.4140, 26.9420

Rectangle

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



200.5210, 52.8170, 6.4570



196.4770, 28.6130, -17.4590



183.1600, -77.0240, -13.7920



196.4140, -35.8560, 11.0560

Sweetspot

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



200.5210, 52.8170, 6.4570



238.5520, 16.0010, 1.8650



191.8200, 37.3590, 44.3270



118.3170, 9.3530, 1.2010



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.



200.5210, 52.8170, 6.4570



189.4360, 63.3620, 8.0820



230.4580, 38.7920, -20.2160



120.6480, 6.9230, 1.1870



88.8070, 98.9860, 12.2500



29.7020, 33.1940, 4.1540

Inverse Universe

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



207.4790, -52.8170, -6.4570



197.9770, -63.0870, -7.5590



177.5420, -38.7920, 20.2160



121.7650, -6.6480, -0.6640



102.1930, -98.9860, -12.2500



34.2980, -33.1940, -4.1540

Previews

White Background



This preview shows how the YIQ color 200.5210, 52.8170, 6.4570 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 200.5210, 52.8170, 6.4570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

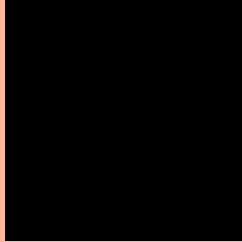
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.5210, 52.8170, 6.4570

Background



This preview shows how black text looks on a background with the YIQ color 200.5210, 52.8170, 6.4570.



This preview shows how white text looks on a background with the YIQ color 200.5210, 52.8170,

6.4570.

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

200.5210, 52.8170, 6.4570

Protanopia

198.2560, 19.3500, -9.2740

Deuteranopia

199.2970, 38.4680, -3.3240



Tritanopia

202.5050, 41.7190, 20.3670

Trichromacy



Original Color

200.5210, 52.8170, 6.4570

Protanomaly

199.1760, 31.4990, -3.6770

Deuteranomaly

200.0420, 43.7400, 0.2520

Tritanomaly

201.4960, 45.9380, 15.4900

Monochromacy



Original Color

200.5210, 52.8170, 6.4570

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.9330, 19.3020, 2.6140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.5210, 52.8170, 6.4570 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(255, 182, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 153)  
}
```

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(255, 182, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 153) }
```

Border

The CSS property to change the border of an element to YIQ 200.5210, 52.8170, 6.4570 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(255, 182, 153) }
```


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

```
.border{ border-color:rgb(255, 182, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 200.5210, 52.8170, 6.4570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 153) }
```

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

```
.background{ background-color: rgb(255,  
182, 153) }
```

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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