

Converting Colors

YIQ(200.4070, 53.1380, 6.1460)

Have a look what the booklet for
YIQ(200.4070, 53.1380, 6.1460)
contains.

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Color

**YIQ(200.4070, 53.1380,
6.1460)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB698
RGB	255, 182, 152
RGB Percent	100%, 71%, 60%
CMY	0.0000, 0.2864, 0.4037
CMYK	0.00, 0.29, 0.40, 0.00
HSL	17°, 100%, 80%
HSV	17°, 40%, 100%
XYZ	63.6340, 56.9723, 37.3743
YIQ	200.4070, 53.1380, 6.1460

Conversions

Conversions Part 2

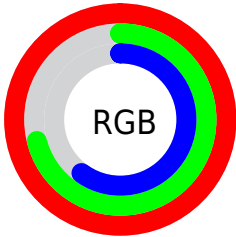
Format	Color
R _Y B	255, 194, 152
Decimal	16758424
CIE Lab	80.16, 22.91, 25.77
CIE LCh	80, 34.477, 48.360
Yxy	56.9723, 0.4028, 0.3606
Android (android.graphics.Color)	4294948504 (0xFFFFB698)
YUV	200.4070, -23.8647, 47.8781
Hunter-Lab	75.4800, 18.3960, 23.4782

Details

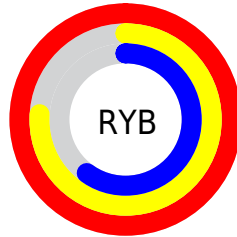
The YIQ color **200.4070, 53.1380, 6.1460** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **206.5930, -53.1380, -6.1460**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **239.4350, 20.4040, -6.3480**, and **145.8410, 48.9200, 5.4960** is the 20% darker color. If you saturate the color by 10%, you get **186.9910, 66.1130, 7.7850**, and if you desaturate by 10%, it is **213.9370, 39.8420, 4.8180**.

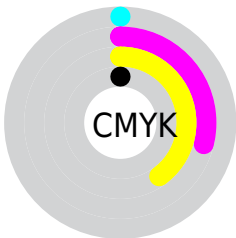
Distribution



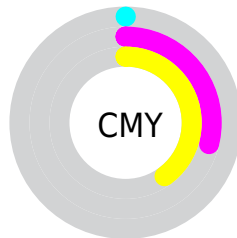
- Red (100%)
- Green (71%)
- Blue (60%)



- 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 200.4070, 53.1380, 6.1460 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 200.4070, 53.1380, 6.1460 by changing the saturation by 10% instead.


 200.4070, 53.1380,
6.1460


 200.4070, 53.1380,
6.1460


255.0000, -0.0000,
-0.0000


 172.6240, 51.0290,
5.8210


 239.5490, 20.0830,
-6.0370


 145.8410, 48.9200,
5.4960

 252.7200, 6.4200,
-6.2200

 119.1720, 46.4900,
5.4820

 94.0900, 43.7850,
4.9450

 69.4210, 41.3550,
4.9310

 45.9260, 38.3750,
3.8710

 23.5110, 32.4140,

7.2780

■ 11.1770, 21.7310,
8.1550

■ 0.0000, 0.0000,
0.0000

■ 200.4070, 53.1380,
6.1460

■ 200.4070, 53.1380,
6.1460

■ 186.9910, 66.1130,
7.7850

■ 213.9370, 39.8420,
4.8180

■ 173.4610, 79.4090,
9.1130

■ 227.3530, 26.8670,
3.1790

■ 160.0450, 92.3840,
10.7520

■ 240.8830, 13.5710,
1.8510

■ 146.5150,
105.6800, 12.0800

■ 254.2990, 0.5960,
0.2120

■ 133.0990, 255.0000, -0.0000,
118.6550, 13.7190 -0.0000

■ 119.6830,
131.6300, 15.3580

Harmonies

Analogous

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



199.4900, 46.0750, 18.5150



200.4070, 53.1380, 6.1460



197.8750, 42.4120, -8.7240

Triad

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



200.4070, 53.1380, 6.1460



185.8550, -43.0930, -28.5090



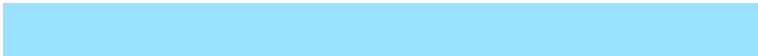
199.1490, -24.6240, 16.7520

Complementary

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



200.4070, 53.1380, 6.1460



206.5930, -53.1380, -6.1460

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.



191.2540, -56.2570, 0.8230



200.4070, 53.1380, 6.1460



180.9460, -70.9700, -24.3940

Square

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



200.4070, 53.1380, 6.1460



190.5630, -10.0360, -27.3800



182.9750, -77.9410, -13.6930



203.4690, 7.0100, 27.1540

Rectangle

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



200.4070, 53.1380, 6.1460



196.1780, 28.0170, -17.6710



182.9750, -77.9410, -13.6930



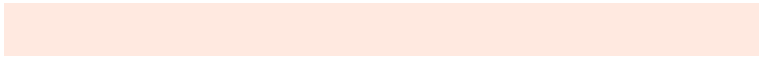
196.7130, -35.2600, 11.2680

Sweetspot

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



200.4070, 53.1380, 6.1460



238.5520, 16.0010, 1.8650



191.2330, 37.6340, 44.8500



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.



200.4070, 53.1380, 6.1460



190.0230, 63.0870, 7.5590



230.3440, 39.1130, -20.5270



120.6480, 6.9230, 1.1870



89.9810, 98.4360, 11.2040



30.2890, 32.9190, 3.6310

Inverse Universe

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



206.5930, -53.1380, -6.1460



197.3900, -62.8120, -7.0360



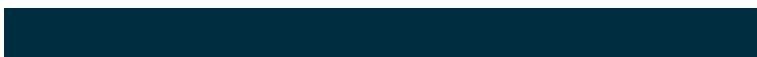
176.6560, -39.1130, 20.5270



121.7650, -6.6480, -0.6640



101.6060, -98.7110, -11.7270



33.7110, -32.9190, -3.6310

Previews

White Background



This preview shows how the YIQ color 200.4070, 53.1380, 6.1460 looks on a white background.

Color Contrast Check

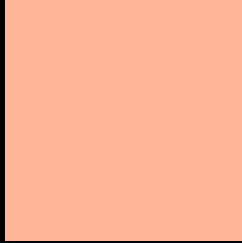
Large Text (above 18pt) WCAG AA × Fail

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 200.4070, 53.1380, 6.1460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

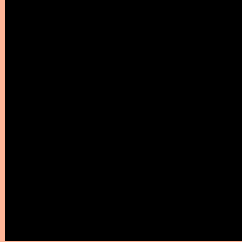
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.4070, 53.1380, 6.1460

Background



This preview shows how black text looks on a background with the YIQ color 200.4070, 53.1380, 6.1460.



This preview shows how white text looks on a background with the YIQ color 200.4070, 53.1380,

6.1460.

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

200.4070, 53.1380, 6.1460

Protanopia

198.1420, 19.6710, -9.5850

Deuteranopia

199.4820, 39.3850, -3.4230



Tritanopia

202.5050, 41.7190, 20.3670

Trichromacy



Original Color

200.4070, 53.1380, 6.1460

Protanomaly

199.0620, 31.8200, -3.9880

Deuteranomaly

199.9280, 44.0610, -0.0590

Tritanomaly

201.4960, 45.9380, 15.4900

Monochromacy



Original Color

200.4070, 53.1380, 6.1460

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.9330, 19.3020, 2.6140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.4070, 53.1380, 6.1460 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 152) }
```

Border

The CSS property to change the border of an element to YIQ 200.4070, 53.1380, 6.1460 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, 152) }
```


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

```
.border{ border-color:rgb(255, 182, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 200.4070, 53.1380, 6.1460 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, 152) }
```

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

```
.background{ background-color: rgb(255,  
182, 152) }
```

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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