

Converting Colors

YIQ(203.2030, 53.2320, -6.5760)

Have a look what the booklet for
YIQ(203.2030, 53.2320, -6.5760)
contains.

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Color

**YIQ(203.2030, 53.2320,
-6.5760)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC185
RGB	250, 193, 133
RGB Percent	98%, 76%, 52%
CMY	0.0195, 0.2432, 0.4782
CMYK	0.00, 0.23, 0.47, 0.02
HSL	31°, 92%, 75%
HSV	31°, 47%, 98%
XYZ	62.7361, 60.1532, 30.5183
YIQ	203.2030, 53.2320, -6.5760

Conversions

Conversions Part 2

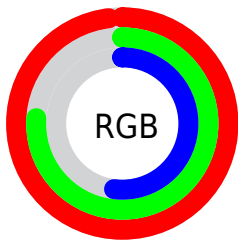
Format	Color
R_{YB}	244, 250, 133
Decimal	16433541
CIE _{Lab}	81.92, 13.27, 37.94
CIE _{LCh}	82, 40.195, 70.728
Yxy	60.1532, 0.4090, 0.3921
Android (android.graphics.Color)	4294623621 (0xFFFA _{C185})
YUV	203.2030, -34.6101, 41.0410
Hunter-Lab	77.5585, 8.6592, 30.9611

Details

The YIQ color **203.2030, 53.2320, -6.5760** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **179.7970, -53.2320, 6.5760**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **243.7260, 23.4780, -18.0100**, and **148.0500, 49.2890, -6.7030** is the 20% darker color. If you saturate the color by 10%, you get **193.3090, 64.5570, -8.0750**, and if you desaturate by 10%, it is **213.0970, 41.9070, -5.0770**.

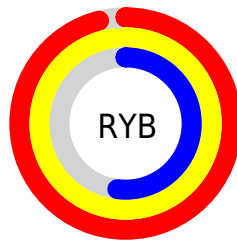
Distribution



Red (98%)

Green (76%)

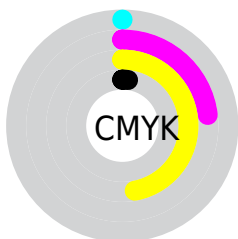
Blue (52%)



Red (96%)

Yellow (98%)

Blue (52%)

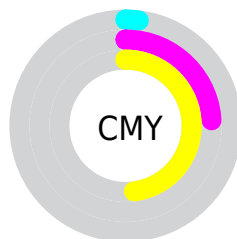


Cyan (0%)

Magenta (23%)

Yellow (47%)

Black (2%)



Cyan (2%)


Magenta (24%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.2030, 53.2320, -6.5760 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 203.2030, 53.2320, -6.5760 by changing the saturation by 10% instead.


 203.2030, 53.2320,
-6.5760


 203.2030, 53.2320,
-6.5760


255.0000, -0.0000,
-0.0000


 175.4200, 51.1230,
-6.9010


 243.7260, 23.4780,
-18.0100


 148.0500, 49.2890,
-6.7030


 250.4400, 12.8400,
-12.4400

 122.2670, 47.1800,
-7.0280

 253.7460, 3.5310,
-3.4210

 96.5980, 44.7500,
-7.0420

 71.8750, 42.4120,
-8.7240

 50.0470, 36.1760,
-5.8400

 29.6470, 25.8590,

-0.5810

■ 9.2690, 18.4760,
6.5720

■ 0.0000, 0.0000,
0.0000

■ 203.2030, 53.2320,
-6.5760

■ 203.2030, 53.2320,
-6.5760

■ 193.3090, 64.5570,
-8.0750

■ 213.0970, 41.9070,
-5.0770

■ 183.4150, 75.8820,
-9.5740

■ 222.9910, 30.5820,
-3.5780

■ 172.9340, 87.4820,
-10.5500

■ 233.4720, 18.9820,
-2.6020

■ 163.0400, 98.8070,
-12.0490

■ 243.3660, 7.6570,
-1.1030

■ 153.1460,
110.1320, -13.5480

■ 252.9180, -2.7050,
-0.5370

■ 149.8860,
113.8000, -13.9440

■ 253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



200.2760, 52.1290, 7.9130



203.2030, 53.2320, -6.5760



200.2120, 30.6770, -21.8270

Triad

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



203.2030, 53.2320, -6.5760



180.3310, -82.6600, -32.8040



207.5870, 0.8660, 28.3700

Complementary

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



203.2030, 53.2320, -6.5760



179.7970, -53.2320, 6.5760

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.



199.6590, -35.1680, 9.6000



203.2030, 53.2320, -6.5760



178.1780, -103.7980, -24.1660

Square

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



203.2030, 53.2320, -6.5760



188.8780, -41.9000, -33.6120



187.8770, -74.5490, -9.0850



206.8370, 29.5210, 32.1850

Rectangle

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



203.2030, 53.2320, -6.5760



197.2740, 9.7710, -28.4130



187.8770, -74.5490, -9.0850



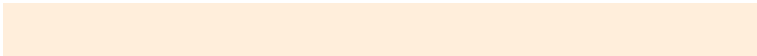
205.7380, -10.0450, 22.3630

Sweetspot

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



203.2030, 53.2320, -6.5760



240.9170, 16.2310, -2.3050



174.7090, 50.7930, 43.1530



119.0350, 10.0870, -1.0890



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.



203.2030, 53.2320, -6.5760



197.6080, 65.1530, -7.8630



236.6620, 37.5570, -36.3870



119.9960, 5.8230, -0.9050



113.4500, 85.9690, -10.6630



36.4360, 27.8310, -3.2810

Inverse Universe

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



179.7970, -53.2320, 6.5760



169.3920, -65.1530, 7.8630



146.3380, -37.5570, 36.3870



117.5910, -6.0980, 0.3820



75.5500, -85.9690, 10.6630



24.5640, -27.8310, 3.2810

Previews

White Background



This preview shows how the YIQ color 203.2030, 53.2320, -6.5760 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 203.2030, 53.2320, -6.5760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

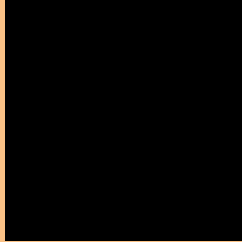
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.2030, 53.2320, -6.5760

Background



This preview shows how black text looks on a background with the YIQ color 203.2030, 53.2320, -6.5760.



This preview shows how white text looks on a background with the YIQ color 203.2030, 53.2320,

-6.5760.

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

203.2030, 53.2320, -6.5760

Protanopia

201.4450, 31.6390, -17.2330

Deuteranopia

202.8820, 49.7020, -8.6820



Tritanopia

207.5260, 37.2260, 19.1940

Trichromacy



Original Color

203.2030, 53.2320, -6.5760

Protanomaly

202.2720, 39.6160, -13.1200

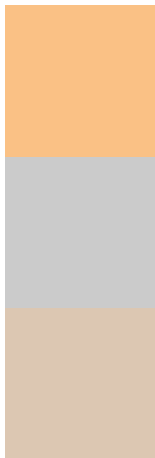
Deuteranomaly

202.8930, 51.1690, -7.7350

Tritanomaly

205.9530, 42.9130, 9.7370

Monochromacy



Original Color

203.2030, 53.2320, -6.5760

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

202.8850, 19.2570, -2.0790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.2030, 53.2320, -6.5760 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(250, 193, 133)` looks like.

```
.text, #text, p{  
    color:rgb(250, 193, 133)  
}
```

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(250, 193, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 193, 133) }
```

Border

The CSS property to change the border of an element to YIQ 203.2030, 53.2320, -6.5760 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(250, 193, 133) }
```


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

```
.border{ border-color:rgb(250, 193, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 193, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 193, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 193, 133);  
box-shadow:4px 4px 4px 4px rgb(250, 193,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 203.2030, 53.2320, -6.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 193, 133) }
```

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

```
.background{ background-color: rgb(250,  
193, 133) }
```

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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