

Converting Colors

YIQ(201.9230, 51.6250, 6.0330)

Have a look what the booklet for
YIQ(201.9230, 51.6250, 6.0330)
contains.

YIQ(201.9230, 51.6250, 6.0330)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(201.9230, 51.6250,
6.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB89B
RGB	255, 184, 155
RGB Percent	100%, 72%, 61%
CMY	0.0000, 0.2785, 0.3919
CMYK	0.00, 0.28, 0.39, 0.00
HSL	17°, 100%, 80%
HSV	17°, 39%, 100%
XYZ	64.2955, 57.8971, 38.8224
YIQ	201.9230, 51.6250, 6.0330

Conversions

Conversions Part 2

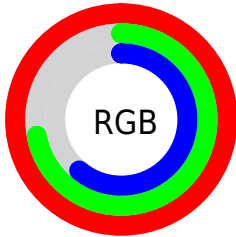
Format	Color
R _Y B	255, 196, 155
Decimal	16758939
CIE Lab	80.68, 22.19, 24.87
CIE LCh	81, 33.331, 48.265
Yxy	57.8971, 0.3993, 0.3596
Android (android.graphics.Color)	4294949019 (0xFFFFB89B)
YUV	201.9230, -23.1330, 46.5485
Hunter-Lab	76.0901, 17.6734, 23.0124

Details

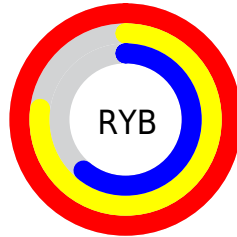
The YIQ color **201.9230, 51.6250, 6.0330** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **208.0770, -51.6250, -6.0330**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **241.0650, 18.5700, -6.1500**, and **147.3570, 47.4070, 5.3830** is the 20% darker color. If you saturate the color by 10%, you get **188.5070, 64.6000, 7.6720**, and if you desaturate by 10%, it is **215.4530, 38.3290, 4.7050**.

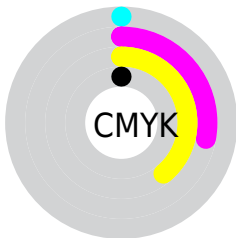
Distribution



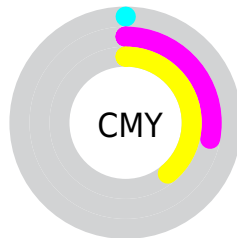
- Red (100%)
- Green (72%)
- Blue (61%)



- Red (100%)
- Yellow (77%)
- Blue (61%)



- Cyan (0%)
- Magenta (28%)
- Yellow (39%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.9230, 51.6250, 6.0330 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 201.9230, 51.6250, 6.0330 by changing the saturation by 10% instead.

201.9230, 51.6250,
6.0330

201.9230, 51.6250,
6.0330

255.0000, -0.0000,
-0.0000

174.1400, 49.5160,
5.7080

241.0650, 18.5700,
-6.1500

147.3570, 47.4070,
5.3830

253.0620, 5.4570,
-5.2870

120.8730, 45.8940,
5.2700

95.7910, 43.1890,
4.7330

70.8230, 40.1630,
4.5070

47.7410, 37.4580,
3.9700

24.9840, 32.4600,

6.4440

■ 11.1770, 21.7310,
8.1550

■ 0.0000, 0.0000,
0.0000

■ 201.9230, 51.6250,
6.0330

■ 201.9230, 51.6250,
6.0330

■ 188.5070, 64.6000,
7.6720

■ 215.4530, 38.3290,
4.7050

■ 174.9770, 77.8960,
9.0000

■ 228.8690, 25.3540,
3.0660

■ 161.5610, 90.8710,
10.6390

■ 242.3990, 12.0580,
1.7380

■ 147.4440,
104.4420, 12.4900

255.0000, -0.0000,
-0.0000

■ 134.0280,
117.4170, 14.1290

■ 120.4980,
130.7130, 15.4570

■ 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.



201.4790, 44.6080, 17.5680



201.9230, 51.6250, 6.0330



199.5050, 40.5780, -8.5260

Triad

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



201.9230, 51.6250, 6.0330



187.8660, -41.6260, -27.5620



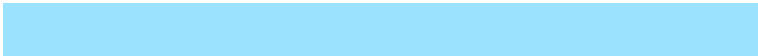
200.9210, -23.9820, 16.1300

Complementary

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



201.9230, 51.6250, 6.0330



208.0770, -51.6250, -6.0330

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.



193.0370, -54.1480, 1.1480



201.9230, 51.6250, 6.0330



183.7400, -67.3940, -23.1220

Square

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



201.9230, 51.6250, 6.0330



192.3890, -9.4860, -26.3340



185.6550, -74.0440, -12.7320



204.9420, 7.0560, 26.3200

Rectangle

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



201.9230, 51.6250, 6.0330



197.7050, 27.9710, -16.8370



185.6550, -74.0440, -12.7320



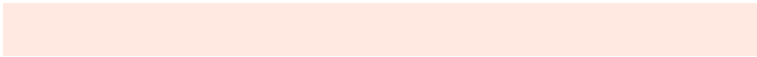
198.1970, -33.7470, 11.3810

Sweetspot

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



201.9230, 51.6250, 6.0330



238.5520, 16.0010, 1.8650



193.1080, 36.4880, 43.5920



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.



201.9230, 51.6250, 6.0330



191.4250, 61.8950, 7.1350



230.6860, 38.1500, -19.5940



120.6480, 6.9230, 1.1870



89.3940, 98.7110, 11.7270



29.7020, 33.1940, 4.1540

Inverse Universe

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



208.0770, -51.6250, -6.0330



198.5750, -61.8950, -7.1350



179.3140, -38.1500, 19.5940



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 201.9230, 51.6250, 6.0330 looks on a white background.

Color Contrast Check

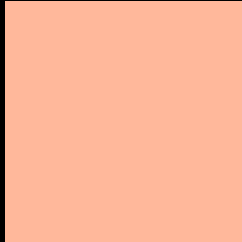
Large Text (above 18pt) WCAG AA × Fail

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 201.9230, 51.6250, 6.0330 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 201.9230, 51.6250, 6.0330

Background



This preview shows how black text looks on a background with the YIQ color 201.9230, 51.6250, 6.0330.



This preview shows how white text looks on a background with the YIQ color 201.9230, 51.6250,

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

201.9230, 51.6250, 6.0330

Protanopia

199.6690, 19.6250, -8.7510

Deuteranopia

200.7100, 38.7430, -2.8010



Tritanopia

203.9070, 40.5270, 19.9430

Trichromacy



Original Color

201.9230, 51.6250, 6.0330

Protanomaly

200.2900, 31.1780, -3.3660

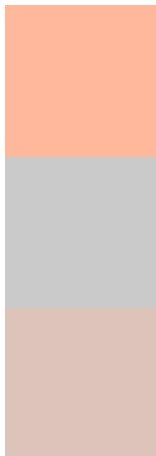
Deuteranomaly

201.1560, 43.4190, 0.5630

Tritanomaly

202.8980, 44.7460, 15.0660

Monochromacy



Original Color

201.9230, 51.6250, 6.0330

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

201.6340, 18.7060, 2.4020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.9230, 51.6250, 6.0330 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, 184, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 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(255, 184, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 155) }
```

Border

The CSS property to change the border of an element to YIQ 201.9230, 51.6250, 6.0330 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, 184, 155) }
```


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

```
.border{ border-color:rgb(255, 184, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 201.9230, 51.6250, 6.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 155) }
```

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

```
.background{ background-color: rgb(255,  
184, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor