

Converting Colors

YIQ(200.2980, 63.0900, -9.0220)

Have a look what the booklet for
YIQ(200.2980, 63.0900, -9.0220)
contains.

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Color

**YIQ(200.2980, 63.0900,
-9.0220)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBD73
RGB	255, 189, 115
RGB Percent	100%, 74%, 45%
CMY	0.0000, 0.2589, 0.5487
CMYK	0.00, 0.26, 0.55, 0.00
HSL	32°, 100%, 73%
HSV	32°, 55%, 100%
XYZ	62.5306, 58.8828, 24.3131
YIQ	200.2980, 63.0900, -9.0220

Conversions

Conversions Part 2

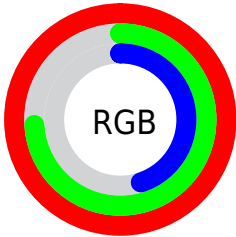
Format	Color
RYB	240, 255, 115
Decimal	16760179
CIELab	81.23, 15.78, 46.30
CIELCh	81, 48.913, 71.175
Yxy	58.8828, 0.4291, 0.4041
Android (android.graphics.Color)	4294950259 (0xFFFFBD73)
YUV	200.2980, -42.0519, 47.9737
Hunter-Lab	76.7351, 11.1713, 34.9288

Details

The YIQ color **200.2980, 63.0900, -9.0220** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **169.7020, -63.0900, 9.0220**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **239.2120, 30.6770, -21.8270**, and **145.4330, 58.2760, -9.8840** is the 20% darker color. If you saturate the color by 10%, you get **190.4040, 74.4150, -10.5210**, and if you desaturate by 10%, it is **210.3060, 51.4440, -7.2120**.

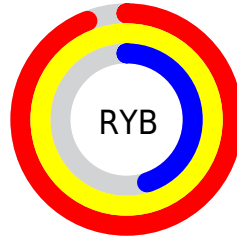
Distribution



Red (100%)

Green (74%)

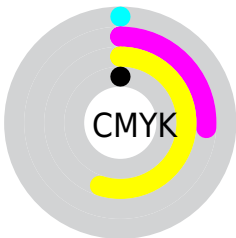
Blue (45%)



Red (94%)

Yellow (100%)

Blue (45%)

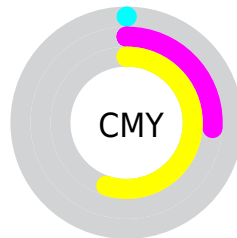


Cyan (0%)

Magenta (26%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 200.2980, 63.0900, -9.0220 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 200.2980, 63.0900, -9.0220 by changing the saturation by 10% instead.


 200.2980, 63.0900,
-9.0220


 200.2980, 63.0900,
-9.0220


255.0000, -0.0000,
-0.0000

 172.5150, 60.9810,
-9.3470


 239.2120, 30.6770,
-21.8270

 145.4330, 58.2760,
-9.8840


 248.2740, 18.9390,
-18.3490


 118.7640, 55.8460,
-9.8980

 251.4660, 9.9510,
-9.6410

 92.8130, 54.1500,
-12.2020

254.7720, 0.6420,
-0.6220

 69.5720, 47.6390,
-9.8410

 47.9980, 37.8720,
-3.5360

 28.1850, 27.2800,

1.2000

■ 9.5680, 19.0720,
6.7840

■ 0.0000, 0.0000,
0.0000

■ 200.2980, 63.0900,
-9.0220

■ 200.2980, 63.0900,
-9.0220

■ 190.4040, 74.4150,
-10.5210

■ 210.3060, 51.4440,
-7.2120

■ 180.3960, 86.0610,
-12.3310

■ 220.2000, 40.1190,
-5.7130

■ 170.5020, 97.3860,
-13.8300

■ 230.2080, 28.4730,
-3.9030

■ 160.4940,
109.0320, -15.6400

■ 240.1020, 17.1480,
-2.4040

155.4900,
114.8550, -16.5450

250.1100, 5.5020,
-0.5940

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



194.2120, 58.1810, 8.3650



200.2980, 63.0900, -9.0220



196.8610, 35.8590, -27.6370

Triad

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



200.2980, 63.0900, -9.0220



157.5140, -132.1280, -50.4000



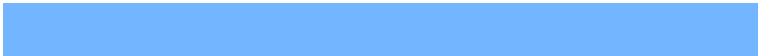
204.6630, 3.7080, 31.9320

Complementary

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



200.2980, 63.0900, -9.0220



169.7020, -63.0900, 9.0220

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.



195.1960, -41.1740, 8.3140



200.2980, 63.0900, -9.0220



159.9710, -143.1800, -37.3240

Square

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



200.2980, 63.0900, -9.0220



181.4800, -55.6990, -42.3470



173.5140, -104.6240, -20.2080



201.8960, 31.0330, 37.8250

Rectangle

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



200.2980, 63.0900, -9.0220



192.9440, 10.4600, -35.3960



173.5140, -104.6240, -20.2080



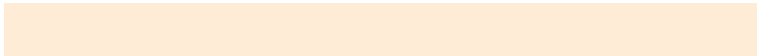
202.2050, -9.8620, 24.5540

Sweetspot

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



200.2980, 63.0900, -9.0220



239.1730, 18.3860, -2.8140



164.6120, 61.6120, 50.8280



118.1060, 11.3250, -1.4990



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.



200.2980, 63.0900, -9.0220



189.4750, 75.6530, -10.9310



238.4420, 43.7480, -43.9640



122.4090, 6.0980, -0.3820



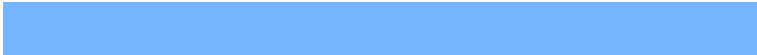
116.3960, 86.0610, -12.3310



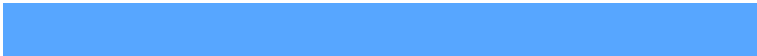
39.0940, 28.7940, -4.2140

Inverse Universe

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



169.7020, -63.0900, 9.0220



152.5250, -75.6530, 10.9310



131.5580, -43.7480, 43.9640



120.0040, -5.8230, 0.9050



74.6040, -86.0610, 12.3310



24.9060, -28.7940, 4.2140

Previews

White Background



This preview shows how the YIQ color 200.2980, 63.0900, -9.0220 looks on a white background.

Color Contrast Check

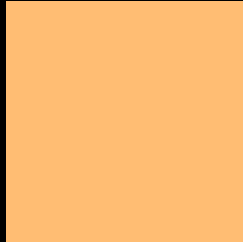
Large Text (above 18pt) WCAG AA × Fail

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 200.2980, 63.0900, -9.0220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

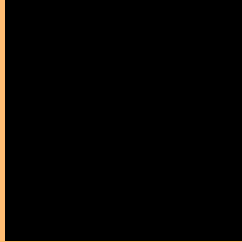
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.2980, 63.0900, -9.0220

Background



This preview shows how black text looks on a background with the YIQ color 200.2980, 63.0900, -9.0220.



This preview shows how white text looks on a background with the YIQ color 200.2980, 63.0900, -9.0220.

-9.0220.

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

200.2980, 63.0900, -9.0220

Protanopia

198.3330, 37.6460, -21.4740

Deuteranopia

199.8410, 56.9470, -13.3330



Tritanopia

205.7820, 39.3810, 18.6850

Trichromacy



Original Color

200.2980, 63.0900, -9.0220

Protanomaly

198.7580, 46.8150, -16.9370

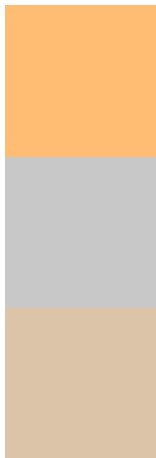
Deuteranomaly

200.1510, 59.0100, -12.1740

Tritanomaly

203.6500, 48.1400, 8.6200

Monochromacy



Original Color

200.2980, 63.0900, -9.0220

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.0980, 22.9710, -3.3090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.2980, 63.0900, -9.0220 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, 189, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 115)  
}
```

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, 189, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 115) }
```

Border

The CSS property to change the border of an element to YIQ 200.2980, 63.0900, -9.0220 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, 189, 115) }
```


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

```
.border{ border-color:rgb(255, 189, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 200.2980, 63.0900, -9.0220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 115) }
```

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

```
.background{ background-color: rgb(255,  
189, 115) }
```

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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