

Converting Colors

YIQ(202.7950, 54.5610, -3.1270)

Have a look what the booklet for
YIQ(202.7950, 54.5610, -3.1270)
contains.

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Color

**YIQ(202.7950, 54.5610,
-3.1270)**

Conversions

Conversions Part 1

Format	Color
Hex	FDBE89
RGB	253, 190, 137
RGB Percent	99%, 75%, 54%
CMY	0.0077, 0.2550, 0.4625
CMYK	0.00, 0.25, 0.46, 0.01
HSL	27°, 97%, 76%
HSV	27°, 46%, 99%
XYZ	63.4466, 59.5116, 31.8345
YIQ	202.7950, 54.5610, -3.1270

Conversions

Conversions Part 2

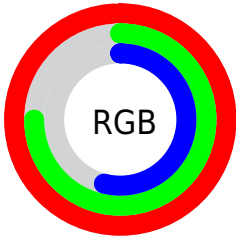
Format	Color
R _Y B	253, 235, 137
Decimal	16629385
CIE Lab	81.57, 16.41, 35.49
CIE LCh	82, 39.096, 65.183
Yxy	59.5116, 0.4099, 0.3845
Android (android.graphics.Color)	4294819465 (0xFFFD8E89)
YUV	202.7950, -32.4369, 44.0298
Hunter-Lab	77.1438, 11.8050, 29.5338

Details

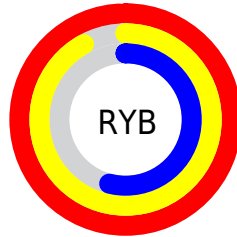
The YIQ color **202.7950, 54.5610, -3.1270** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **187.2050, -54.5610, 3.1270**, and the grayscale version is **203.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **242.4210, 23.0190, -15.1970**, and **148.2290, 50.3430, -3.7770** is the 20% darker color. If you saturate the color by 10%, you get **191.7270, 66.4360, -3.5800**, and if you desaturate by 10%, it is **213.8630, 42.6860, -2.6740**.

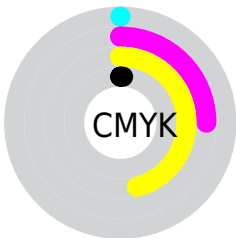
Distribution



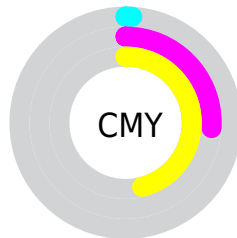
- Red (99%)
- Green (75%)
- Blue (54%)



- Red (99%)
- Yellow (92%)
- Blue (54%)



- Cyan (0%)
- Magenta (25%)
- Yellow (46%)
- Black (1%)



- Cyan (1%)
- Magenta (26%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 202.7950, 54.5610, -3.1270 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 202.7950, 54.5610, -3.1270 by changing the saturation by 10% instead.


 202.7950, 54.5610,
-3.1270


 202.7950, 54.5610,
-3.1270


255.0000, -0.0000,
-0.0000


 175.0120, 52.4520,
-3.4520


 242.4210, 23.0190,
-15.1970


 148.2290, 50.3430,
-3.7770


 250.8960, 11.5560,
-11.1960

 121.5600, 47.9130,
-3.7910

 254.2020, 2.2470,
-2.1770

 96.4780, 45.2080,
-4.3280

 71.6950, 43.0990,
-4.6530

 48.8840, 38.1930,
-3.8470

 28.7830, 28.4720,

1.6240

■ 10.1660, 20.2640,
7.2080

■ 0.0000, 0.0000,
0.0000

■ 202.7950, 54.5610,
-3.1270

■ 202.7950, 54.5610,
-3.1270

■ 191.7270, 66.4360,
-3.5800

■ 213.8630, 42.6860,
-2.6740

■ 180.5450, 78.6320,
-4.3440

■ 224.4580, 30.7650,
-1.3870

■ 170.0640, 90.2320,
-5.3200

■ 235.5260, 18.8900,
-0.9340

■ 158.9960,
102.1070, -5.7730

■ 246.5940, 7.0150,
-0.4810

■ 147.9280,
113.9820, -6.2260

254.4020, -1.1920,
-0.4240

■ 143.1520,
119.1630, -6.5090

Harmonies

Analogous

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



199.7860, 50.7530, 10.8250



202.7950, 54.5610, -3.1270



199.9460, 34.4820, -19.1980

Triad

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



202.7950, 54.5610, -3.1270



182.7190, -72.0690, -32.0130



205.7710, -5.6440, 25.2040

Complementary

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



202.7950, 54.5610, -3.1270



187.2050, -54.5610, 3.1270

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.



197.2560, -41.4030, 6.9570



202.7950, 54.5610, -3.1270



178.1740, -97.9750, -25.0710

Square

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



202.7950, 54.5610, -3.1270



189.8960, -33.1430, -32.6230



186.3710, -78.9960, -11.0920



207.6950, 27.0450, 33.0050

Rectangle

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



202.7950, 54.5610, -3.1270



197.2640, 15.7310, -26.2930



186.3710, -78.9960, -11.0920



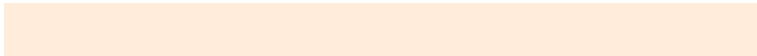
203.0360, -16.8760, 19.5080

Sweetspot

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



202.7950, 54.5610, -3.1270



239.7430, 16.7810, -1.2590



178.9800, 48.5920, 44.4960



118.4480, 10.3620, -0.5660



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.



202.7950, 54.5610, -3.1270



194.4280, 65.8400, -3.7920



236.2540, 38.8860, -32.9380



122.4090, 6.0980, -0.3820



108.1780, 89.9110, -5.0090



36.1590, 30.1690, -1.5990

Inverse Universe

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



187.2050, -54.5610, 3.1270



175.5720, -65.8400, 3.7920



153.7460, -38.8860, 32.9380



120.5910, -6.0980, 0.3820



82.8220, -89.9110, 5.0090



27.8410, -30.1690, 1.5990

Previews

White Background



This preview shows how the YIQ color 202.7950, 54.5610, -3.1270 looks on a white background.

Color Contrast Check

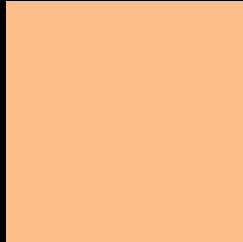
Large Text (above 18pt) WCAG AA × Fail

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 202.7950, 54.5610, -3.1270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

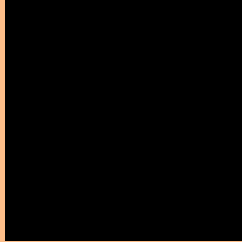
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.7950, 54.5610, -3.1270

Background



This preview shows how black text looks on a background with the YIQ color 202.7950, 54.5610, -3.1270.



This preview shows how white text looks on a background with the YIQ color 202.7950, 54.5610,

-3.1270.

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

202.7950, 54.5610, -3.1270

Protanopia

200.8300, 29.1170, -15.5790

Deuteranopia

202.0390, 47.8220, -7.6500



Tritanopia

206.7110, 38.1430, 19.0950

Trichromacy



Original Color

202.7950, 54.5610, -3.1270

Protanomaly

201.2550, 38.2860, -11.0420

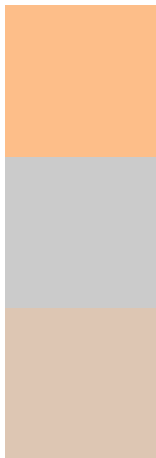
Deuteranomaly

202.6480, 50.4810, -6.2790

Tritanomaly

205.0780, 44.0590, 10.9950

Monochromacy



Original Color

202.7950, 54.5610, -3.1270

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

202.7110, 19.8070, -1.0330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.7950, 54.5610, -3.1270 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(253, 190, 137)` looks like.

```
.text, #text, p{  
    color:rgb(253, 190, 137)  
}
```

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(253, 190, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 190, 137) }
```

Border

The CSS property to change the border of an element to YIQ 202.7950, 54.5610, -3.1270 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(253, 190, 137) }
```


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

```
.border{ border-color:rgb(253, 190, 137) }
```

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

Here you see how a box with a 4 pixel rgb(253, 190, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 190, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 190, 137);  
box-shadow:4px 4px 4px 4px rgb(253, 190,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 202.7950, 54.5610, -3.1270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 190, 137) }
```

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

```
.background{ background-color: rgb(253,  
190, 137) }
```

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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