

Converting Colors

YIQ(197.2800, 54.3330,
-10.0110)

Have a look what the booklet for
YIQ(197.2800, 54.3330, -10.0110)
contains.

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Color

**YIQ(197.2800, 54.3330,
-10.0110)**

Conversions

Conversions Part 1

Format	Color
Hex	F3BD78
RGB	243, 189, 120
RGB Percent	95%, 74%, 47%
CMY	0.0470, 0.2589, 0.5291
CMYK	0.00, 0.22, 0.51, 0.05
HSL	34°, 84%, 71%
HSV	34°, 51%, 95%
XYZ	58.5567, 56.8016, 25.6687
YIQ	197.2800, 54.3330, -10.0110

Conversions

Conversions Part 2

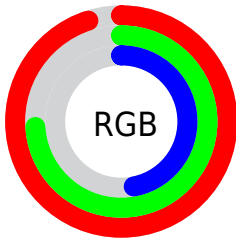
Format	Color
R _Y B	216, 243, 120
Decimal	15973752
CIE Lab	80.07, 11.37, 42.08
CIE LCh	80, 43.591, 74.887
Yxy	56.8016, 0.4152, 0.4028
Android (android.graphics.Color)	4294163832 (0xFFFF3BD78)
YUV	197.2800, -38.0990, 40.0964
Hunter-Lab	75.3669, 6.7945, 32.5636

Details

The YIQ color $197.2800, 54.3330, -10.0110$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $165.7200, -54.3330, 10.0110$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $239.7820, 29.0720, -20.2720$, and $142.8280, 49.7940, -10.3500$ is the 20% darker color. If you saturate the color by 10%, you get $188.0870, 65.0620, -11.7220$, and if you desaturate by 10%, it is $206.4730, 43.6040, -8.3000$.

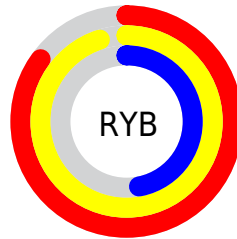
Distribution



Red (95%)

Green (74%)

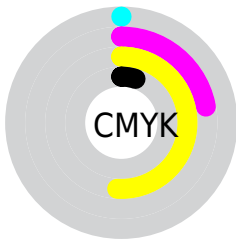
Blue (47%)



Red (85%)

Yellow (95%)

Blue (47%)

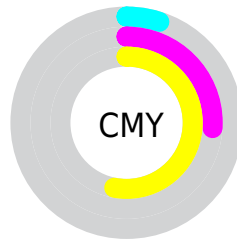


Cyan (0%)

Magenta (22%)

Yellow (51%)

Black (5%)



Cyan (5%)


Magenta (26%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 197.2800, 54.3330, -10.0110 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 197.2800, 54.3330, -10.0110 by changing the saturation by 10% instead.


 197.2800, 54.3330,
-10.0110


 197.2800, 54.3330,
-10.0110


255.0000, -0.0000,
-0.0000


 169.6110, 51.9030,
-10.0250


 239.7820, 29.0720,
-20.2720


 142.8280, 49.7940,
-10.3500


 248.8440, 17.3340,
-16.7940

 116.3440, 48.2810,
-10.4630

 252.1500, 8.0250,
-7.7750

 91.0340, 46.2180,
-11.6220

 66.8810, 42.2750,
-11.7490

 46.1930, 32.8290,
-5.7550

 26.6790, 22.8330,

-0.8070

■ 7.1760, 14.3040,
5.0880

■ 0.0000, 0.0000,
0.0000

■ 197.2800, 54.3330,
-10.0110

■ 197.2800, 54.3330,
-10.0110

■ 188.0870, 65.0620,
-11.7220

■ 206.4730, 43.6040,
-8.3000

■ 179.3670, 75.8370,
-14.2670

■ 215.1930, 32.8290,
-5.7550

■ 170.1740, 86.5660,
-15.9780

■ 224.3860, 22.1000,
-4.0440

■ 160.9810, 97.2950,
-17.6890

■ 233.5790, 11.3710,
-2.3330

152.4890,
107.4280, -19.6120

242.2990, 0.5960,
0.2120

250.2380, -6.6020,
-1.4980

251.4120, -7.1520,
-2.5440

Harmonies

Analogous

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



195.2720, 57.9520, 7.0080



197.2800, 54.3330, -10.0110



194.0220, 28.1560, -25.7000

Triad

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



197.2800, 54.3330, -10.0110



165.3540, -107.8300, -39.2060



203.7880, 4.8540, 33.1900

Complementary

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



197.2800, 54.3330, -10.0110



165.7200, -54.3330, 10.0110

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.



195.5500, -33.2430, 13.2610



197.2800, 54.3330, -10.0110



156.4490, -141.5300, -34.1860

Square

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



197.2800, 54.3330, -10.0110



180.6100, -52.9490, -37.1170



181.6530, -79.7300, -8.8020



200.6420, 34.5640, 34.4040

Rectangle

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



197.2800, 54.3330, -10.0110



190.4150, 4.8200, -32.3000



181.6530, -79.7300, -8.8020



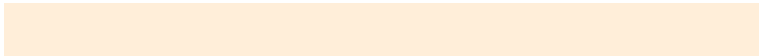
201.6400, -6.6530, 26.9710

Sweetspot

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



197.2800, 54.3330, -10.0110



240.6890, 16.8730, -2.9270



163.0470, 55.6530, 43.1810



118.9210, 10.4080, -1.4000



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.



197.2800, 54.3330, -10.0110



197.3000, 68.7760, -12.9520



227.1840, 35.9070, -39.5250



117.6970, 5.2270, -1.1170



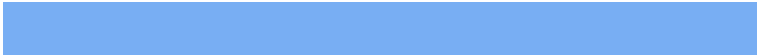
116.6620, 82.2560, -14.9600



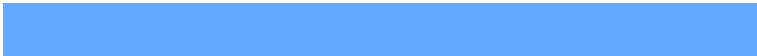
37.0120, 26.0890, -4.7510

Inverse Universe

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



165.7200, -54.3330, 10.0110



157.2870, -69.0510, 12.4290



135.8160, -35.9070, 39.5250



114.8900, -5.5020, 0.5940



69.3380, -82.2560, 14.9600



21.9880, -26.0890, 4.7510

Previews

White Background



This preview shows how the YIQ color 197.2800, 54.3330, -10.0110 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 197.2800, 54.3330, -10.0110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

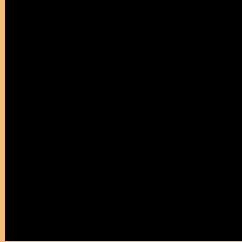
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.2800, 54.3330, -10.0110

Background



This preview shows how black text looks on a background with the YIQ color 197.2800, 54.3330, -10.0110.



This preview shows how white text looks on a background with the YIQ color 197.2800, 54.3330,

-10.0110.

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

197.2800, 54.3330, -10.0110

Protanopia

195.8320, 34.8030, -19.5090

Deuteranopia

197.2690, 52.8660, -10.9580



Tritanopia

202.5260, 37.2260, 19.1940

Trichromacy



Original Color

197.2800, 54.3330, -10.0110

Protanomaly

196.0610, 41.5880, -15.8200

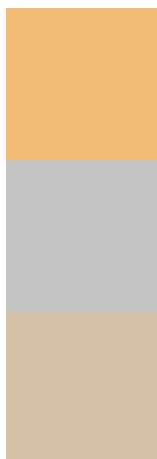
Deuteranomaly

197.5680, 53.4620, -10.7460

Tritanomaly

200.3120, 43.2800, 8.5920

Monochromacy



Original Color

197.2800, 54.3330, -10.0110

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.1300, 19.9450, -3.5350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.2800, 54.3330, -10.0110 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(243, 189, 120)` looks like.

```
.text, #text, p{  
    color:rgb(243, 189, 120)  
}
```

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(243, 189, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 189, 120) }
```

Border

The CSS property to change the border of an element to YIQ 197.2800, 54.3330, -10.0110 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(243, 189, 120) }
```


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

```
.border{ border-color:rgb(243, 189, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 189, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 189, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 189, 120);  
box-shadow:4px 4px 4px 4px rgb(243, 189,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 197.2800, 54.3330, -10.0110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 189, 120) }
```

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

```
.background{ background-color: rgb(243,  
189, 120) }
```

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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