

Converting Colors

YIQ(199.7230, 55.0640, 4.2800)

Have a look what the booklet for
YIQ(199.7230, 55.0640, 4.2800)
contains.

YIQ(199.7230, 55.0640, 4.2800)	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(199.7230, 55.0640,
4.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB692
RGB	255, 182, 146
RGB Percent	100%, 71%, 57%
CMY	0.0000, 0.2864, 0.4272
CMYK	0.00, 0.29, 0.43, 0.00
HSL	20°, 100%, 79%
HSV	20°, 43%, 100%
XYZ	63.1548, 56.7806, 34.8509
YIQ	199.7230, 55.0640, 4.2800

Conversions

Conversions Part 2

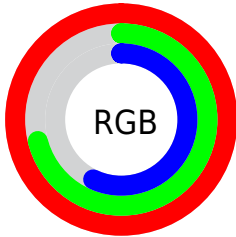
Format	Color
R _Y B	255, 200, 146
Decimal	16758418
CIE Lab	80.06, 22.27, 28.80
CIE LCh	80, 36.412, 52.287
Yxy	56.7806, 0.4080, 0.3668
Android (android.graphics.Color)	4294948498 (0xFFFFB692)
YUV	199.7230, -26.4854, 48.4779
Hunter-Lab	75.3529, 17.7371, 25.3252

Details

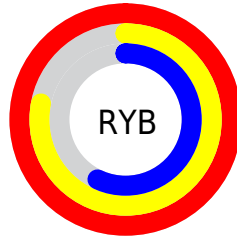
The YIQ color **199.7230, 55.0640, 4.2800** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **201.2770, -55.0640, -4.2800**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **238.7510, 22.3300, -8.2140**, and **145.1570, 50.8460, 3.6300** is the 20% darker color. If you saturate the color by 10%, you get **186.8940, 67.7640, 5.3960**, and if you desaturate by 10%, it is **212.6660, 42.0430, 3.4750**.

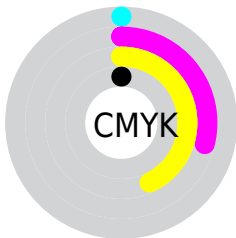
Distribution



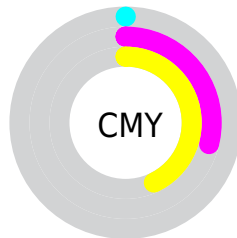
- Red (100%)
- Green (71%)
- Blue (57%)



- Red (100%)
- Yellow (78%)
- Blue (57%)



- Cyan (0%)
- Magenta (29%)
- Yellow (43%)
- Black (0%)



- Cyan (0%)
- Magenta (29%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.7230, 55.0640, 4.2800 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 199.7230, 55.0640, 4.2800 by changing the saturation by 10% instead.


 199.7230, 55.0640,
4.2800


 199.7230, 55.0640,
4.2800


255.0000, -0.0000,
-0.0000


 171.9400, 52.9550,
3.9550


 238.7510, 22.3300,
-8.2140


 145.1570, 50.8460,
3.6300

 251.9220, 8.6670,
-8.3970

 118.4880, 48.4160,
3.6160

 93.4060, 45.7110,
3.0790

 68.4380, 42.6850,
2.8530

 45.0140, 40.9430,
1.3830

 23.7990, 31.5430,

6.5430

■ 10.8780, 21.1350,
7.9430

■ 0.0000, 0.0000,
0.0000

■ 199.7230, 55.0640,
4.2800

■ 199.7230, 55.0640,
4.2800

■ 186.8940, 67.7640,
5.3960

■ 212.6660, 42.0430,
3.4750

■ 173.9510, 80.7850,
6.2010

■ 225.4950, 29.3430,
2.3590

■ 161.1220, 93.4850,
7.3170

■ 238.4380, 16.3220,
1.5540

■ 148.1790,
106.5060, 8.1220

■ 251.2670, 3.6220,
0.4380

■ 135.3500, 255.0000, -0.0000,
119.2060, 9.2380 -0.0000

■ 125.5530,
128.8800, 10.1280

Harmonies

Analogous

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



198.2190, 48.2760, 17.1720



199.7230, 55.0640, 4.2800



196.9950, 41.9540, -11.4380

Triad

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



199.7230, 55.0640, 4.2800



183.4950, -50.8870, -30.4310



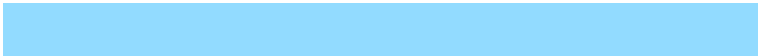
199.4700, -21.0940, 18.8580

Complementary

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



199.7230, 55.0640, 4.2800



201.2770, -55.0640, -4.2800

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.



190.3790, -55.1110, 2.0810



199.7230, 55.0640, 4.2800



178.2160, -80.5980, -26.1180

Square

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



199.7230, 55.0640, 4.2800



189.1710, -14.8040, -29.0760



181.4520, -83.7180, -13.6220



203.2740, 12.0530, 29.3730

Rectangle

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



199.7230, 55.0640, 4.2800



195.2270, 26.3210, -19.9750



181.4520, -83.7180, -13.6220



196.7350, -32.3260, 13.1620

Sweetspot

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



199.7230, 55.0640, 4.2800



238.3240, 16.6430, 1.2430



187.1410, 40.8890, 46.4330



117.3880, 10.5910, 0.7910



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.



199.7230, 55.0640, 4.2800



189.1110, 65.6550, 5.0710



230.8340, 40.4890, -23.4390



121.2350, 6.6480, 0.6640



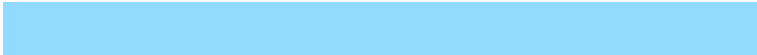
94.0900, 96.5110, 7.5430



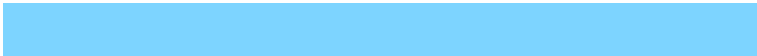
31.4630, 32.3690, 2.5850

Inverse Universe

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



201.2770, -55.0640, -4.2800



190.8890, -65.6550, -5.0710



170.1660, -40.4890, 23.4390



121.1780, -6.3730, -0.1410



96.9100, -96.5110, -7.5430



32.5370, -32.3690, -2.5850

Previews

White Background



This preview shows how the YIQ color 199.7230, 55.0640, 4.2800 looks on a white background.

Color Contrast Check

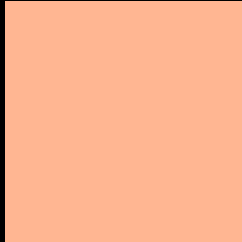
Large Text (above 18pt) WCAG AA × Fail

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 199.7230, 55.0640, 4.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

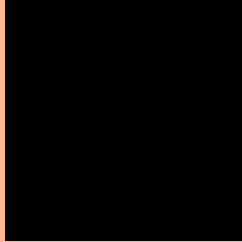
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.7230, 55.0640, 4.2800

Background



This preview shows how black text looks on a background with the YIQ color 199.7230, 55.0640, 4.2800.



This preview shows how white text looks on a background with the YIQ color 199.7230, 55.0640,

4.2800.

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

199.7230, 55.0640, 4.2800

Protanopia

197.6430, 22.5140, -11.5500

Deuteranopia

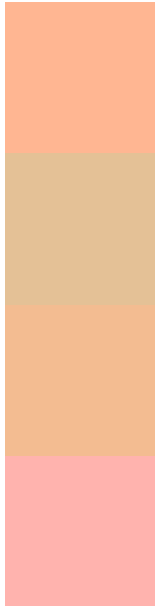
199.0970, 41.9070, -5.0770



Tritanopia

202.3910, 42.0400, 20.0560

Trichromacy



Original Color

199.7230, 55.0640, 4.2800

Protanomaly

198.5630, 34.6630, -5.9530

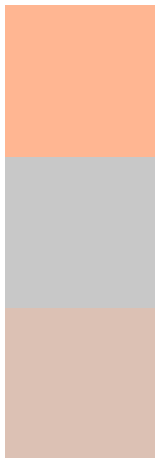
Deuteranomaly

199.5430, 46.5830, -1.7130

Tritanomaly

201.1540, 46.9010, 14.5570

Monochromacy



Original Color

199.7230, 55.0640, 4.2800

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.5910, 20.2650, 1.6810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.7230, 55.0640, 4.2800 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, 182, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 146)  
}
```

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, 182, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 146) }
```

Border

The CSS property to change the border of an element to YIQ 199.7230, 55.0640, 4.2800 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, 182, 146) }
```


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

```
.border{ border-color:rgb(255, 182, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 199.7230, 55.0640, 4.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 146) }
```

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

```
.background{ background-color: rgb(255,  
182, 146) }
```

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