

Converting Colors

YIQ(198.3210, 56.2560, 4.7040)

Have a look what the booklet for
YIQ(198.3210, 56.2560, 4.7040)
contains.

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Color

**YIQ(198.3210, 56.2560,
4.7040)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFB490 |
| RGB | 255, 180, 144 |
| RGB Percent | 100%, 71%, 56% |
| CMY | 0.0000, 0.2942, 0.4350 |
| CMYK | 0.00, 0.29, 0.44, 0.00 |
| HSL | 19°, 100%, 78% |
| HSV | 19°, 44%, 100% |
| XYZ | 62.5938, 55.9053, 33.9030 |
| YIQ | 198.3210, 56.2560, 4.7040 |

Conversions

Conversions Part 2

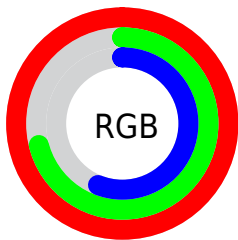
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 197, 144 |
| Decimal | 16757904 |
| CIE _{Lab} | 79.56, 23.12, 29.20 |
| CIE _{LCh} | 80, 37.243, 51.635 |
| Yxy | 55.9053, 0.4107, 0.3668 |
| Android (android.graphics.Color) | 4294947984 (0xFFFFB490) |
| YUV | 198.3210, -26.7803, 49.7075 |
| Hunter-Lab | 74.7699, 18.5845, 25.4550 |

Details

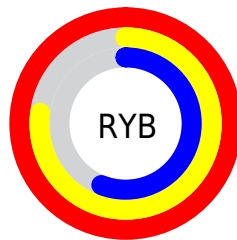
The YIQ color **198.3210, 56.2560, 4.7040** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **200.6790, -56.2560, -4.7040**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3490, 23.5220, -7.7900**, and **143.7550, 52.0380, 4.0540** is the 20% darker color. If you saturate the color by 10%, you get **185.4920, 68.9560, 5.8200**, and if you desaturate by 10%, it is **211.2640, 43.2350, 3.8990**.

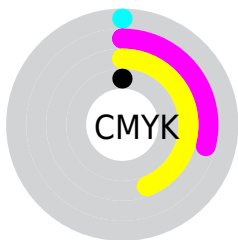
Distribution



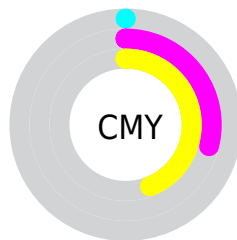
- Red (100%)
- Green (71%)
- Blue (56%)



- Red (100%)
- Yellow (77%)
- Blue (56%)



- Cyan (0%)
- Magenta (29%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.3210, 56.2560, 4.7040 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 198.3210, 56.2560, 4.7040 by changing the saturation by 10% instead.


 198.3210, 56.2560,
4.7040

 198.3210, 56.2560,
4.7040


255.0000, -0.0000,
-0.0000


 170.5380, 54.1470,
4.3790


 237.3490, 23.5220,
-7.7900


 143.7550, 52.0380,
4.0540

 251.6940, 9.3090,
-9.0190

 117.0860, 49.6080,
4.0400

 92.0040, 46.9030,
3.5030

 67.6230, 43.6020,
2.7540

 43.3130, 41.5390,
1.5950

 22.6250, 32.0930,

7.5890

■ 10.5790, 20.5390,
7.7310

■ 0.0000, 0.0000,
0.0000

■ 198.3210, 56.2560,
4.7040

■ 198.3210, 56.2560,
4.7040

■ 185.4920, 68.9560,
5.8200

■ 211.2640, 43.2350,
3.8990

■ 171.9620, 82.2520,
7.1480

■ 224.0930, 30.5350,
2.7830

■ 159.1330, 94.9520,
8.2640

■ 237.6230, 17.2390,
1.4550

■ 146.1900,
107.9730, 9.0690

■ 250.4520, 4.5390,
0.3390

■ 133.3610,
120.6730, 10.1850

255.0000, -0.0000,
-0.0000

■ 124.9660,
129.1550, 10.6510

Harmonies

Analogous

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



196.9310, 49.1470, 17.9070



198.3210, 56.2560, 4.7040



196.1800, 42.8710, -11.5370

Triad

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



198.3210, 56.2560, 4.7040



181.1960, -51.4830, -30.6430



197.9860, -22.6070, 18.7450

Complementary

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



198.3210, 56.2560, 4.7040



200.6790, -56.2560, -4.7040

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.



188.2970, -57.8160, 1.5440



198.3210, 56.2560, 4.7040



175.7210, -83.5780, -27.1780

Square

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



198.3210, 56.2560, 4.7040



187.6440, -14.7580, -29.9100



178.7720, -87.6150, -14.5830



202.5020, 11.4110, 29.9950

Rectangle

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



198.3210, 56.2560, 4.7040



193.2980, 27.5590, -20.3850



178.7720, -87.6150, -14.5830



195.2510, -33.8390, 13.0490

Sweetspot

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



198.3210, 56.2560, 4.7040



238.3240, 16.6430, 1.2430



185.8530, 41.7600, 47.1680



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.



198.3210, 56.2560, 4.7040



187.0080, 67.4430, 5.7070



230.6060, 41.1310, -24.0610



121.2350, 6.6480, 0.6640



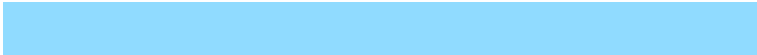
93.5030, 96.7860, 8.0660



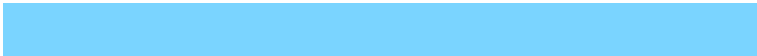
31.4630, 32.3690, 2.5850

Inverse Universe

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



200.6790, -56.2560, -4.7040



189.9920, -67.4430, -5.7070



168.3940, -41.1310, 24.0610



121.1780, -6.3730, -0.1410



97.4970, -96.7860, -8.0660



32.5370, -32.3690, -2.5850

Previews

White Background



This preview shows how the YIQ color 198.3210, 56.2560, 4.7040 looks on a white background.

Color Contrast Check

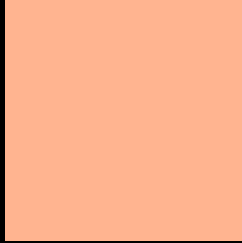
Large Text (above 18pt) WCAG AA × Fail

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 198.3210, 56.2560, 4.7040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

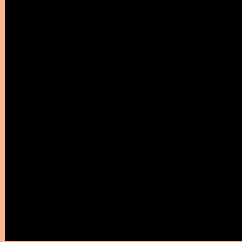
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.3210, 56.2560, 4.7040

Background



This preview shows how black text looks on a background with the YIQ color 198.3210, 56.2560, 4.7040.



This preview shows how white text looks on a background with the YIQ color 198.3210, 56.2560,

4.7040.

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

198.3210, 56.2560, 4.7040

Protanopia

196.0560, 22.7890, -11.0270

Deuteranopia

197.0970, 41.9070, -5.0770



Tritanopia

200.9890, 43.2320, 20.4800

Trichromacy



Original Color

198.3210, 56.2560, 4.7040

Protanomaly

196.9760, 34.9380, -5.4300

Deuteranomaly

197.8420, 47.1790, -1.5010

Tritanomaly

199.7520, 48.0930, 14.9810

Monochromacy



Original Color

198.3210, 56.2560, 4.7040

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

197.8900, 20.8610, 1.8930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.3210, 56.2560, 4.7040 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, 180, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 144)  
}
```

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, 180, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 144) }
```

Border

The CSS property to change the border of an element to YIQ 198.3210, 56.2560, 4.7040 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, 180, 144) }
```


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

```
.border{ border-color:rgb(255, 180, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 198.3210, 56.2560, 4.7040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 144) }
```

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

```
.background{ background-color: rgb(255,  
180, 144) }
```

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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