

Converting Colors

YIQ(196.5650, 49.5170, 0.1810)

Have a look what the booklet for
YIQ(196.5650, 49.5170, 0.1810)
contains.

YIQ(196.5650, 49.5170, 0.1810)	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(196.5650, 49.5170,
0.1810)**

Conversions

Conversions Part 1

Format	Color
Hex	F4B78E
RGB	244, 183, 142
RGB Percent	96%, 72%, 56%
CMY	0.0430, 0.2824, 0.4429
CMYK	0.00, 0.25, 0.42, 0.04
HSL	24°, 82%, 76%
HSV	24°, 42%, 96%
XYZ	59.1338, 55.0496, 33.1231
YIQ	196.5650, 49.5170, 0.1810

Conversions

Conversions Part 2

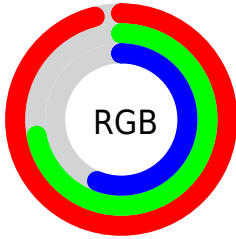
Format	Color
R_{YB}	244, 211, 142
Decimal	16037774
CIE _{Lab}	79.07, 17.06, 29.40
CIE _{LCh}	79, 33.995, 59.878
Yxy	55.0496, 0.4014, 0.3737
Android (android.graphics.Color)	4294227854 (0xFFFF4B78E)
YUV	196.5650, -26.9005, 41.6005
Hunter-Lab	74.1954, 12.4226, 25.4680

Details

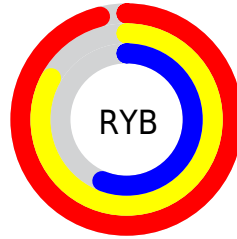
The YIQ color $196.5650, 49.5170, 0.1810$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $189.4350, -49.5170, -0.1810$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $238.8820, 23.3390, -9.9810$, and $142.2980, 45.8950, -0.2570$ is the 20% darker color. If you saturate the color by 10%, you get $185.0240, 61.3460, 0.5620$, and if you desaturate by 10%, it is $208.1060, 37.6880, -0.2000$.

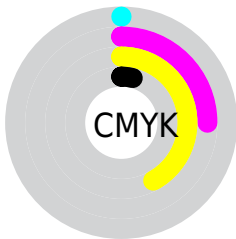
Distribution



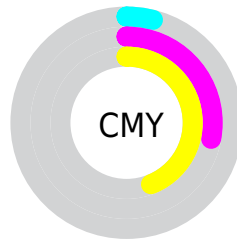
- Red (96%)
- Green (72%)
- Blue (56%)



- Red (96%)
- Yellow (83%)
- Blue (56%)



- Cyan (0%)
- Magenta (25%)
- Yellow (42%)
- Black (4%)



- Cyan (4%)
- Magenta (28%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.5650, 49.5170, 0.1810 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 196.5650, 49.5170, 0.1810 by changing the saturation by 10% instead.

196.5650, 49.5170,
0.1810

196.5650, 49.5170,
0.1810

255.0000, -0.0000,
-0.0000

169.0810, 48.0040,
0.0680

238.8820, 23.3390,
-9.9810

142.2980, 45.8950,
-0.2570

251.4660, 9.9510,
-9.6410

116.2160, 43.1900,
-0.7940

254.7720, 0.6420,
-0.6220

90.8460, 41.3560,
-0.5960

66.7640, 38.6510,
-1.1330

43.5680, 36.2670,
-1.9810

23.4670, 26.5460,

3.4900

■ 7.8880, 15.1750,
5.8230

■ 0.0000, 0.0000,
0.0000

■ 196.5650, 49.5170,
0.1810

■ 196.5650, 49.5170,
0.1810

■ 185.0240, 61.3460,
0.5620

■ 208.1060, 37.6880,
-0.2000

■ 173.9560, 73.2210,
0.1090

■ 219.1740, 25.8130,
0.2530

■ 162.4150, 85.0500,
0.4900

■ 230.7150, 13.9840,
-0.1280

■ 151.3470, 96.9250,
0.0370

■ 241.7830, 2.1090,
0.3250

■ 139.8060,
108.7540, 0.4180

■ 251.7110, -6.5560,
-2.3320

■ 130.4820,
118.4740, 0.4740

Harmonies

Analogous

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



197.8940, 50.5690, 14.1610



196.5650, 49.5170, 0.1810



194.1080, 34.2060, -14.1940

Triad

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



196.5650, 49.5170, 0.1810



180.7490, -54.4180, -27.0100



198.7700, -13.0710, 22.1370

Complementary

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



196.5650, 49.5170, 0.1810



189.4350, -49.5170, -0.1810

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.



191.9290, -44.7960, 7.8760



196.5650, 49.5170, 0.1810



177.7160, -76.0140, -21.0860

Square

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



196.5650, 49.5170, 0.1810



186.1040, -21.8650, -27.7610



182.8990, -71.6150, -7.1910



200.4550, 18.7930, 28.3690

Rectangle

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



196.5650, 49.5170, 0.1810



191.5080, 18.1600, -20.7520



182.8990, -71.6150, -7.1910



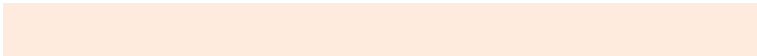
196.5020, -24.1200, 18.6320

Sweetspot

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



196.5650, 49.5170, 0.1810



239.4980, 16.0930, 0.1970



179.4520, 41.2110, 40.5950



117.9750, 10.3160, 0.2680



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.



196.5650, 49.5170, 0.1810



195.9100, 61.6670, 0.2510



226.5020, 35.4920, -26.4920



116.5230, 5.7770, -0.0710



99.6390, 90.2310, 0.2070



31.7290, 28.5640, -0.0440

Inverse Universe

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



189.4350, -49.5170, -0.1810



187.0900, -61.6670, -0.2510



159.4980, -35.4920, 26.4920



115.4770, -5.7770, 0.0710



86.3610, -90.2310, -0.2070



27.2710, -28.5640, 0.0440

Previews

White Background



This preview shows how the YIQ color 196.5650, 49.5170, 0.1810 looks on a white background.

Color Contrast Check

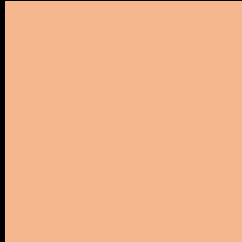
Large Text (above 18pt) WCAG AA × Fail

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 196.5650, 49.5170, 0.1810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

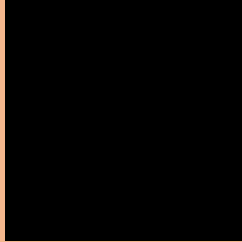
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.5650, 49.5170, 0.1810

Background



This preview shows how black text looks on a background with the YIQ color 196.5650, 49.5170, 0.1810.



This preview shows how white text looks on a background with the YIQ color 196.5650, 49.5170,

0.1810.

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

196.5650, 49.5170, 0.1810

Protanopia

194.7140, 23.7520, -11.9600

Deuteranopia

196.0970, 41.9070, -5.0770



Tritanopia

199.4230, 39.0140, 19.8300

Trichromacy



Original Color

196.5650, 49.5170, 0.1810

Protanomaly

195.1390, 32.9210, -7.4230

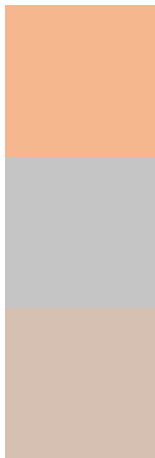
Deuteranomaly

196.1190, 44.8410, -3.1830

Tritanomaly

198.6480, 42.4540, 12.5500

Monochromacy



Original Color

196.5650, 49.5170, 0.1810

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.8680, 17.9270, -0.0010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.5650, 49.5170, 0.1810 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(244, 183, 142)` looks like.

```
.text, #text, p{  
    color:rgb(244, 183, 142)  
}
```

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(244, 183, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 183, 142) }
```

Border

The CSS property to change the border of an element to YIQ 196.5650, 49.5170, 0.1810 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(244, 183, 142) }
```


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

```
.border{ border-color:rgb(244, 183, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 183, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 183, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 183, 142);  
box-shadow:4px 4px 4px 4px rgb(244, 183,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 196.5650, 49.5170, 0.1810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 183, 142) }
```

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

```
.background{ background-color: rgb(244,  
183, 142) }
```

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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