

Converting Colors

YIQ(196.5510, 44.1050, 10.1610)

Have a look what the booklet for
YIQ(196.5510, 44.1050, 10.1610)
contains.

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Color

**YIQ(196.5510, 44.1050,
10.1610)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F5B2A5 |
| RGB | 245, 178, 165 |
| RGB Percent | 96%, 70%, 65% |
| CMY | 0.0391, 0.3020, 0.3528 |
| CMYK | 0.00, 0.27, 0.33, 0.04 |
| HSL | 10°, 80%, 80% |
| HSV | 10°, 33%, 96% |
| XYZ | 60.3803, 53.9673, 42.8542 |
| YIQ | 196.5510, 44.1050, 10.1610 |

Conversions

Conversions Part 2

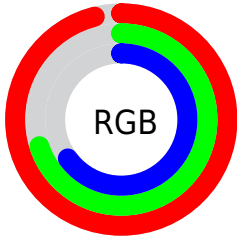
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 245, 181, 165 |
| Decimal | 16102053 |
| CIE Lab | 78.44, 22.74, 16.26 |
| CIE LCh | 78, 27.959, 35.570 |
| Yxy | 53.9673, 0.3841, 0.3433 |
| Android (android.graphics.Color) | 4294292133 (0xFFF5B2A5) |
| YUV | 196.5510, -15.5546, 42.4898 |
| Hunter-Lab | 73.4625, 18.1535, 16.8370 |

Details

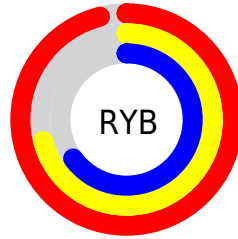
The YIQ color **196.5510, 44.1050, 10.1610** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **213.4490, -44.1050, -10.1610**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **238.6830, 17.0100, 0.0980**, and **142.1700, 40.8040, 9.4120** is the 20% darker color. If you saturate the color by 10%, you get **181.4880, 57.5840, 13.6800**, and if you desaturate by 10%, it is **211.7280, 30.3050, 6.9530**.

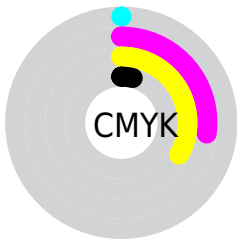
Distribution



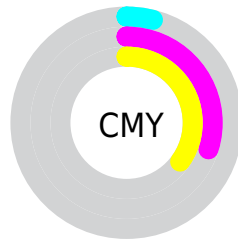
- Red (96%)
- Green (70%)
- Blue (65%)



- Red (96%)
- Yellow (71%)
- Blue (65%)



- Cyan (0%)
- Magenta (27%)
- Yellow (33%)
- Black (4%)





- Cyan (4%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 196.5510, 44.1050, 10.1610 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 196.5510, 44.1050, 10.1610 by changing the saturation by 10% instead.


 196.5510, 44.1050,
10.1610


 196.5510, 44.1050,
10.1610


255.0000, -0.0000,
-0.0000


 169.0670, 42.5920,
10.0480


 238.6830, 17.0100,
0.0980


 142.1700, 40.8040,
9.4120

 254.3160, 1.9260,
-1.8660

 116.3870, 38.6950,
9.0870

 90.9030, 37.1820,
8.9740

 66.8210, 34.4770,
8.4370

 43.2660, 31.7260,
8.7340

 20.2550, 30.2590,

7.7870

■ 9.0840, 17.5590,
6.6710

■ 0.0000, 0.0000,
0.0000

■ 196.5510, 44.1050,
10.1610

■ 196.5510, 44.1050,
10.1610

■ 181.4880, 57.5840,
13.6800

■ 211.7280, 30.3050,
6.9530

■ 166.8980, 71.1090,
16.3650

■ 226.2040, 17.1010,
3.9570

■ 151.8350, 84.5880,
19.8840

■ 241.3810, 3.3010,
0.7490

■ 137.2450, 98.1130,
22.5690

■ 252.0100, -5.9600,
-2.1200

■ 122.1820,
111.5920, 26.0880

■ 107.5920,
125.1170, 28.7730

■ 96.7350, 135.0200,
31.0200

Harmonies

Analogous

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



197.9390, 37.5010, 19.7170



196.5510, 44.1050, 10.1610



194.5360, 39.2930, -1.7550

Triad

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



196.5510, 44.1050, 10.1610



185.9670, -22.7370, -22.9690



192.9260, -31.5460, 10.0380

Complementary

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



196.5510, 44.1050, 10.1610



213.4490, -44.1050, -10.1610

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.



187.0000, -52.7260, -2.5980



196.5510, 44.1050, 10.1610



182.6300, -46.5330, -21.2290

Square

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



196.5510, 44.1050, 10.1610



189.6080, 3.2590, -20.5250



181.9140, -58.7760, -14.1040



197.0820, -5.3220, 19.3660

Rectangle

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



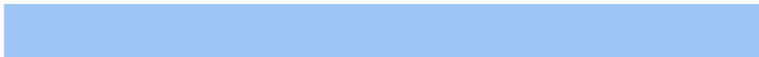
196.5510, 44.1050, 10.1610



193.1880, 31.2250, -9.7270



181.9140, -58.7760, -14.1040



191.0990, -39.5230, 5.9250

Sweetspot

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



196.5510, 44.1050, 10.1610



239.8230, 13.8000, 3.2080



196.6720, 25.8520, 38.1080



118.5450, 8.7110, 1.8230



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.



196.5510, 44.1050, 10.1610



194.9930, 54.6040, 12.6200



219.4440, 33.3800, -10.2360



114.7620, 6.6020, 1.4980



73.2240, 102.6060, 23.7420



22.9240, 32.6890, 7.8010

Inverse Universe

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



213.4490, -44.1050, -10.1610



216.0070, -54.6040, -12.6200



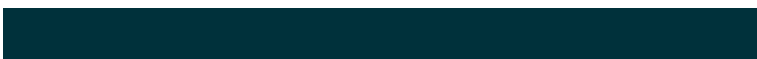
190.5560, -33.3800, 10.2360



117.2380, -6.6020, -1.4980



112.7760, -102.6060, -23.7420



35.4890, -32.4140, -7.2780

Previews

White Background



This preview shows how the YIQ color 196.5510, 44.1050, 10.1610 looks on a white background.

Color Contrast Check

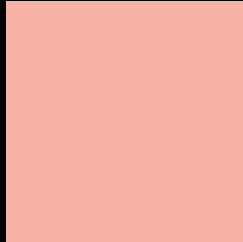
Large Text (above 18pt) WCAG AA × Fail

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 196.5510, 44.1050, 10.1610 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 196.5510, 44.1050, 10.1610

Background



This preview shows how black text looks on a background with the YIQ color 196.5510, 44.1050, 10.1610.



This preview shows how white text looks on a background with the YIQ color 196.5510, 44.1050,

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

196.5510, 44.1050, 10.1610

Protanopia

194.2970, 12.1050, -4.6230

Deuteranopia

195.3270, 29.7560, 0.3800



Tritanopia

198.0100, 38.7390, 19.3070

Trichromacy



Original Color

196.5510, 44.1050, 10.1610

Protanomaly

194.9180, 23.6580, 0.7620

Deuteranomaly

196.0720, 35.0280, 3.9560

Tritanomaly

197.3860, 40.4360, 16.0840

Monochromacy



Original Color

196.5510, 44.1050, 10.1610

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.6060, 15.9090, 3.5330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.5510, 44.1050, 10.1610 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(245, 178, 165)` looks like.

```
.text, #text, p{  
    color:rgb(245, 178, 165)  
}
```

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(245, 178, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 178, 165) }
```

Border

The CSS property to change the border of an element to YIQ 196.5510, 44.1050, 10.1610 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(245, 178, 165) }
```


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

```
.border{ border-color:rgb(245, 178, 165) }
```

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

Here you see how a box with a 4 pixel rgb(245, 178, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 178, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 178, 165);  
box-shadow:4px 4px 4px 4px rgb(245, 178,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 196.5510, 44.1050, 10.1610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 178, 165) }
```

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

```
.background{ background-color: rgb(245,  
178, 165) }
```

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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