

Converting Colors

YIQ(205.5620, 36.4040, 1.0440)

Have a look what the booklet for
YIQ(205.5620, 36.4040, 1.0440)
contains.

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Color

**YIQ(205.5620, 36.4040,
1.0440)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C3A7
RGB	241, 195, 167
RGB Percent	95%, 76%, 65%
CMY	0.0548, 0.2353, 0.3449
CMYK	0.00, 0.19, 0.31, 0.05
HSL	23°, 73%, 80%
HSV	23°, 31%, 95%
XYZ	62.7734, 60.5180, 44.9524
YIQ	205.5620, 36.4040, 1.0440

Conversions

Conversions Part 2

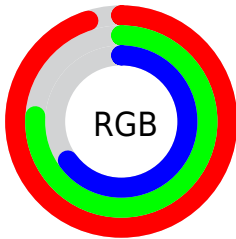
Format	Color
R _{YB}	241, 212, 167
Decimal	15844263
CIE Lab	82.12, 12.50, 20.25
CIE LCh	82, 23.796, 58.309
Yxy	60.5180, 0.3731, 0.3597
Android (android.graphics.Color)	4294034343 (0xFFFF1C3A7)
YUV	205.5620, -19.0111, 31.0791
Hunter-Lab	77.7933, 7.8978, 20.1950

Details

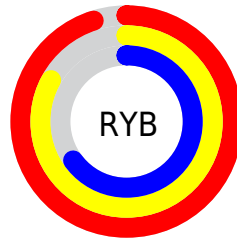
The YIQ color **205.5620, 36.4040, 1.0440** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **202.4380, -36.4040, -1.0440**, and the grayscale version is **206.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **249.4770, 11.4180, -8.6940**, and **150.8930, 33.9740, 1.0300** is the 20% darker color. If you saturate the color by 10%, you get **194.0210, 48.2330, 1.4250**, and if you desaturate by 10%, it is **217.1030, 24.5750, 0.6630**.

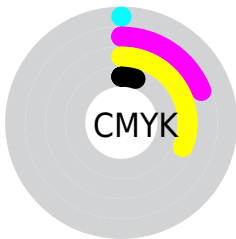
Distribution



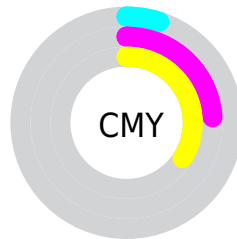
- Red (95%)
- Green (76%)
- Blue (65%)



- Red (95%)
- Yellow (83%)
- Blue (65%)



- Cyan (0%)
- Magenta (19%)
- Yellow (31%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 205.5620, 36.4040, 1.0440 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 205.5620, 36.4040, 1.0440 by changing the saturation by 10% instead.


 205.5620, 36.4040,
1.0440


 205.5620, 36.4040,
1.0440


255.0000, -0.0000,
-0.0000


 178.0780, 34.8910,
0.9310


 249.4770, 11.4180,
-8.6940


 150.8930, 33.9740,
1.0300

 254.5440, 1.2840,
-1.2440

 124.9960, 32.1860,
0.3940

 99.6260, 30.3520,
0.5920

 75.1420, 28.8390,
0.4790

 52.3590, 26.7300,
0.1540

 30.2340, 25.5840,

-1.1040

■ 9.2690, 18.4760,
6.5720

■ 0.0000, 0.0000,
0.0000

■ 205.5620, 36.4040,
1.0440

■ 205.5620, 36.4040,
1.0440

■ 194.0210, 48.2330,
1.4250

■ 217.1030, 24.5750,
0.6630

■ 182.4800, 60.0620,
1.8060

■ 228.6440, 12.7460,
0.2820

■ 170.9390, 71.8910,
2.1870

■ 240.1850, 0.9170,
-0.0990

■ 159.3980, 83.7200,
2.5680

■ 250.8140, -8.3440,
-2.9680

■ 147.8570, 95.5490,
2.9490

■ 136.2020,
107.6990, 3.0190

■ 125.4760,
118.6110, 3.4990

Harmonies

Analogous

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



207.2560, 37.6860, 10.8540



205.5620, 36.4040, 1.0440



203.4910, 25.9980, -8.6100

Triad

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



205.5620, 36.4040, 1.0440



195.8550, -33.9250, -18.4450



206.4080, -9.3560, 15.3800

Complementary

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



205.5620, 36.4040, 1.0440



202.4380, -36.4040, -1.0440

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.



202.7040, -31.0410, 6.3910



205.5620, 36.4040, 1.0440



194.9000, -46.9930, -12.8890

Square

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



205.5620, 36.4040, 1.0440



197.8650, -13.5220, -19.2660



197.9530, -45.3440, -4.2240



208.0640, 12.2840, 19.6760

Rectangle

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



205.5620, 36.4040, 1.0440



201.8700, 14.4450, -13.9950



197.9530, -45.3440, -4.2240



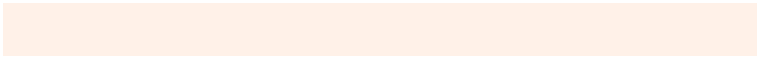
205.5210, -17.1040, 12.6240

Sweetspot

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



205.5620, 36.4040, 1.0440



244.1600, 11.2330, 0.1690



194.4840, 29.0170, 30.3050



121.0070, 7.2900, 0.0420



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.



205.5620, 36.4040, 1.0440



209.6510, 46.3990, 1.6230



226.6940, 26.5040, -17.7840



113.9360, 6.0520, 0.4520



95.5190, 90.6890, 2.9210



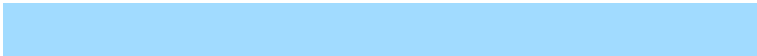
29.0710, 27.6010, 0.8890

Inverse Universe

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



202.4380, -36.4040, -1.0440



205.7620, -46.1240, -1.1000



181.3060, -26.5040, 17.7840



113.4770, -5.7770, 0.0710



87.8940, -90.4140, -2.3980



26.9290, -27.6010, -0.8890

Previews

White Background



This preview shows how the YIQ color 205.5620, 36.4040, 1.0440 looks on a white background.

Color Contrast Check

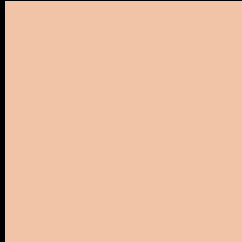
Large Text (above 18pt) WCAG AA × Fail

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 205.5620, 36.4040, 1.0440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

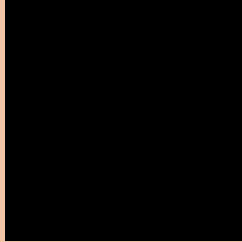
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.5620, 36.4040, 1.0440

Background



This preview shows how black text looks on a background with the YIQ color 205.5620, 36.4040, 1.0440.



This preview shows how white text looks on a background with the YIQ color 205.5620, 36.4040,

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

205.5620, 36.4040, 1.0440

Protanopia

203.8260, 17.7450, -7.7190

Deuteranopia

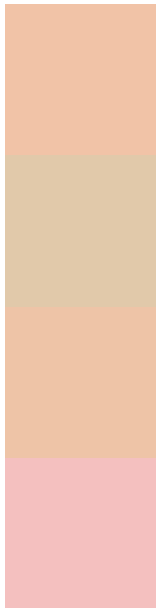
205.5400, 33.4700, -0.8500



Tritanopia

208.0410, 28.2860, 16.0140

Trichromacy



Original Color

205.5620, 36.4040, 1.0440

Protanomaly

204.6420, 24.2550, -4.5530

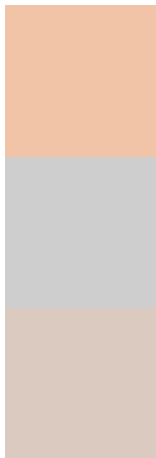
Deuteranomaly

205.2520, 34.3410, -0.1150

Tritanomaly

207.4340, 31.3130, 10.7130

Monochromacy



Original Color

205.5620, 36.4040, 1.0440

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

205.9430, 13.3420, 0.4940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.5620, 36.4040, 1.0440 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(241, 195, 167)` looks like.

```
.text, #text, p{  
    color:rgb(241, 195, 167)  
}
```

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(241, 195, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 195, 167) }
```

Border

The CSS property to change the border of an element to YIQ 205.5620, 36.4040, 1.0440 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(241, 195, 167) }
```


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

```
.border{ border-color:rgb(241, 195, 167) }
```

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

Here you see how a box with a 4 pixel rgb(241, 195, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 195, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 195, 167);  
box-shadow:4px 4px 4px 4px rgb(241, 195,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 205.5620, 36.4040, 1.0440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 195, 167) }
```

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

```
.background{ background-color: rgb(241,  
195, 167) }
```

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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