

Converting Colors

YIQ(213.1610, 35.8550, -5.5290)

Have a look what the booklet for
YIQ(213.1610, 35.8550, -5.5290)
contains.

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Color

**YIQ(213.1610, 35.8550,
-5.5290)**

Conversions

Conversions Part 1

Format	Color
Hex	F4CFA4
RGB	244, 207, 164
RGB Percent	96%, 81%, 64%
CMY	0.0431, 0.1883, 0.3567
CMYK	0.00, 0.15, 0.33, 0.04
HSL	32°, 78%, 80%
HSV	32°, 33%, 96%
XYZ	66.3276, 66.5359, 44.4900
YIQ	213.1610, 35.8550, -5.5290

Conversions

Conversions Part 2

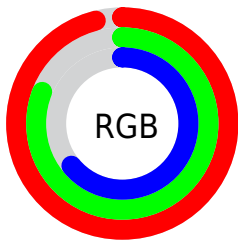
Format	Color
R_{YB}	233, 244, 164
Decimal	16043940
CIE _{Lab}	85.27, 6.99, 26.19
CIE _{LCh}	85, 27.108, 75.056
Yxy	66.5359, 0.3740, 0.3752
Android (android.graphics.Color)	4294234020 (0xFFFF4CFA4)
YUV	213.1610, -24.2364, 27.0458
Hunter-Lab	81.5695, 2.3990, 24.7605

Details

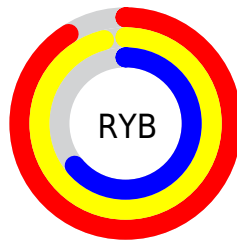
The YIQ color **213.1610, 35.8550, -5.5290** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **194.8390, -35.8550, 5.5290**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **250.8960, 11.5560, -11.1960**, and **158.4920, 33.4250, -5.5430** is the 20% darker color. If you saturate the color by 10%, you get **203.9680, 46.5840, -7.2400**, and if you desaturate by 10%, it is **222.3540, 25.1260, -3.8180**.

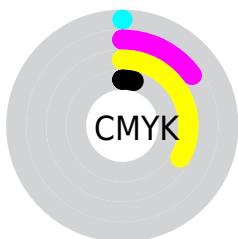
Distribution



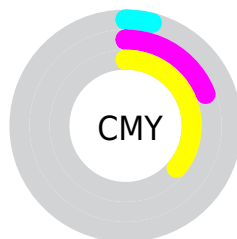
- Red (96%)
- Green (81%)
- Blue (64%)



- Red (91%)
- Yellow (96%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (33%)
- Black (4%)





- Cyan (4%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 213.1610, 35.8550, -5.5290 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 213.1610, 35.8550, -5.5290 by changing the saturation by 10% instead.


 213.1610, 35.8550,
-5.5290


 213.1610, 35.8550,
-5.5290


255.0000, -0.0000,
-0.0000


 185.0900, 34.6170,
-5.1190


 250.8960, 11.5560,
-11.1960


 158.4920, 33.4250,
-5.5430

 254.2020, 2.2470,
-2.1770

 132.0080, 31.9120,
-5.6560

 106.6380, 30.0780,
-5.4580

 82.1540, 28.5650,
-5.5710

 58.3710, 26.4560,
-5.8960

 36.7020, 24.0260,

-5.9100

■ 17.1990, 15.4970,
-0.0150

■ 0.0000, 0.0000,
0.0000

■ 213.1610, 35.8550,
-5.5290

■ 213.1610, 35.8550,
-5.5290

■ 203.9680, 46.5840,
-7.2400

■ 222.3540, 25.1260,
-3.8180

■ 194.0740, 57.9090,
-8.7390

■ 232.2480, 13.8010,
-2.3190

■ 184.8810, 68.6380,
-10.4500

■ 241.4410, 3.0720,
-0.6080

■ 175.5740, 79.6880,
-12.4720

■ 249.9500, -5.7310,
-0.7630

■ 166.3810, 90.4170,
-14.1830

■ 251.7110, -6.5560,
-2.3320

■ 156.6010,
101.4210, -15.3710

■ 149.8530,
109.3990, -16.7850

Harmonies

Analogous

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



213.3500, 40.1170, 5.3410



213.1610, 35.8550, -5.5290



210.2680, 19.0760, -15.3240

Triad

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



213.1610, 35.8550, -5.5290



202.2430, -49.6970, -18.9530



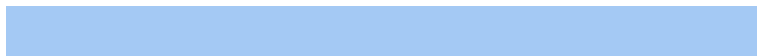
216.6270, 3.3890, 21.1890

Complementary

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



213.1610, 35.8550, -5.5290



194.8390, -35.8550, 5.5290

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.



212.7270, -20.6800, 11.3520



213.1610, 35.8550, -5.5290



203.1040, -56.2550, -10.2310

Square

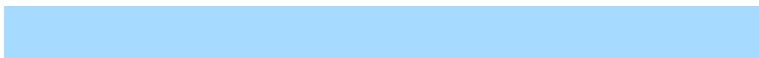
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



213.1610, 35.8550, -5.5290



204.3730, -29.7520, -22.4880



207.2570, -43.1440, -0.0400



217.1750, 25.2130, 22.1490

Rectangle

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



213.1610, 35.8550, -5.5290



208.4340, 3.8090, -19.4790



207.2570, -43.1440, -0.0400



216.0820, -5.3220, 19.3660

Sweetspot

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



213.1610, 35.8550, -5.5290



245.1060, 11.3250, -1.4990



192.1380, 35.8030, 28.4670



121.4800, 7.3360, -0.7920



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.



213.1610, 35.8550, -5.5290



216.7120, 44.4290, -6.7310



233.9830, 23.8920, -25.5160



117.6970, 5.2270, -1.1170



114.3140, 83.3560, -12.8680



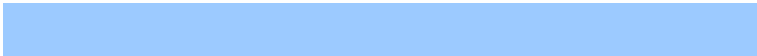
35.8380, 26.6390, -3.7050

Inverse Universe

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



194.8390, -35.8550, 5.5290



194.2880, -44.4290, 6.7310



174.0170, -23.8920, 25.5160



114.8900, -5.5020, 0.5940



71.6860, -83.3560, 12.8680



22.5750, -26.3640, 4.2280

Previews

White Background



This preview shows how the YIQ color 213.1610, 35.8550, -5.5290 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 213.1610, 35.8550, -5.5290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

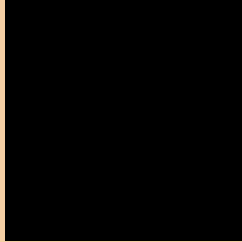
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.1610, 35.8550, -5.5290

Background



This preview shows how black text looks on a background with the YIQ color 213.1610, 35.8550, -5.5290.



This preview shows how white text looks on a background with the YIQ color 213.1610, 35.8550, -5.5290.

-5.5290.

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

213.1610, 35.8550, -5.5290

Protanopia

211.9420, 23.1100, -11.3380

Deuteranopia

213.8950, 39.6600, -2.9000



Tritanopia

216.6600, 24.9850, 15.2650

Trichromacy



Original Color

213.1610, 35.8550, -5.5290

Protanomaly

212.4480, 27.5570, -9.3310

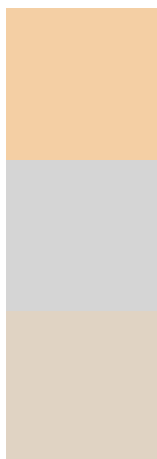
Deuteranomaly

213.8840, 38.1930, -3.8470

Tritanomaly

215.6570, 29.0670, 7.3630

Monochromacy



Original Color

213.1610, 35.8550, -5.5290

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.0630, 12.8840, -2.2200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.1610, 35.8550, -5.5290 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, 207, 164)` looks like.

```
.text, #text, p{  
    color:rgb(244, 207, 164)  
}
```

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, 207, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 207, 164) }
```

Border

The CSS property to change the border of an element to YIQ 213.1610, 35.8550, -5.5290 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, 207, 164) }
```


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

```
.border{ border-color:rgb(244, 207, 164) }
```

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

Here you see how a box with a 4 pixel rgb(244, 207, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 207, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 207, 164);  
box-shadow:4px 4px 4px 4px rgb(244, 207,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 213.1610, 35.8550, -5.5290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 207, 164) }
```

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

```
.background{ background-color: rgb(244,  
207, 164) }
```

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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