

Converting Colors

YIQ(215.3640, 36.3610,
-14.7030)

Have a look what the booklet for
YIQ(215.3640, 36.3610, -14.7030)
contains.

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Color

**YIQ(215.3640, 36.3610,
-14.7030)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D796
RGB	241, 215, 150
RGB Percent	95%, 84%, 59%
CMY	0.0549, 0.1569, 0.4116
CMYK	0.00, 0.11, 0.38, 0.05
HSL	43°, 76%, 77%
HSV	43°, 38%, 95%
XYZ	66.0841, 69.5006, 38.8071
YIQ	215.3640, 36.3610, -14.7030

Conversions

Conversions Part 2

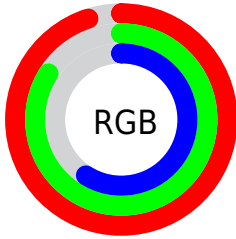
Format	Color
R _Y B	186, 241, 150
Decimal	15849366
CIE Lab	86.75, 0.06, 35.36
CIE LCh	87, 35.356, 89.906
Yxy	69.5006, 0.3789, 0.3985
Android (android.graphics.Color)	4294039446 (0xFFFF1D796)
YUV	215.3640, -32.2245, 22.4828
Hunter-Lab	83.3670, -4.3972, 30.7576

Details

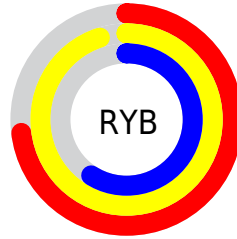
The YIQ color $215.3640, 36.3610, -14.7030$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $175.6360, -36.3610, 14.7030$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.3000, 16.0500, -15.5500$, and $160.1080, 34.2060, -14.1940$ is the 20% darker color. If you saturate the color by 10%, you get $208.5190, 45.9900, -18.5060$, and if you desaturate by 10%, it is $222.2090, 26.7320, -10.9000$.

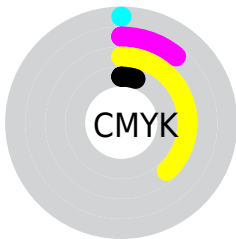
Distribution



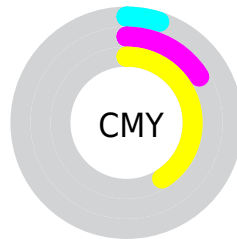
- Red (95%)
- Green (84%)
- Blue (59%)



- Red (73%)
- Yellow (95%)
- Blue (59%)



- Cyan (0%)
- Magenta (11%)
- Yellow (38%)
- Black (5%)




- Cyan (5%)
- Magenta (16%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.3640, 36.3610, -14.7030 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 215.3640, 36.3610, -14.7030 by changing the saturation by 10% instead.


 215.3640, 36.3610,
-14.7030

 215.3640, 36.3610,
-14.7030

255.0000, -0.0000,
-0.0000


 187.2930, 35.1230,
-14.2930


 249.3000, 16.0500,
-15.5500


 160.1080, 34.2060,
-14.1940

 252.4920, 7.0620,
-6.8420

 133.7380, 32.3720,
-13.9960

 108.2540, 30.8590,
-14.1090

 83.3570, 29.0710,
-14.7450

 59.5310, 28.5210,
-15.7910

 39.0280, 19.9920,

-9.8960

■ 20.1120, 11.1880,
-4.5240

■ 0.0000, 0.0000,
0.0000

■ 215.3640, 36.3610,
-14.7030

■ 215.3640, 36.3610,
-14.7030

■ 208.5190, 45.9900,
-18.5060

■ 222.2090, 26.7320,
-10.9000

■ 201.6740, 55.6190,
-22.3090

■ 229.0540, 17.1030,
-7.0970

■ 194.8290, 65.2480,
-26.1120

■ 235.8990, 7.4740,
-3.2940

■ 187.9840, 74.8770,
-29.9150

■ 242.7440, -2.1550,
0.5090

■ 181.7260, 84.2310,
-34.2410

■ 247.2920, -6.6940,
0.1700

■ 174.7670, 94.1810,
-38.3550

■ 250.8140, -8.3440,
-2.9680

■ 173.0230, 96.3360,
-38.8640

Harmonies

Analogous

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



214.2330, 44.5200, -2.8720



215.3640, 36.3610, -14.7030



211.3820, 9.5870, -25.0770

Triad

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



215.3640, 36.3610, -14.7030



199.2210, -78.9940, -22.1460



221.0850, 16.9590, 28.5670

Complementary

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



215.3640, 36.3610, -14.7030



175.6360, -36.3610, 14.7030

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.



218.1310, -7.0180, 17.0620



215.3640, 36.3610, -14.7030



202.3520, -68.8170, -13.8490

Square

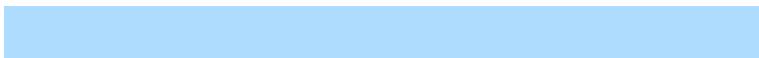
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215.3640, 36.3610, -14.7030



202.0260, -56.7560, -28.6920



209.9370, -39.2470, 0.9210



213.9150, 28.8810, 21.7530

Rectangle

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



215.3640, 36.3610, -14.7030



208.5520, -11.5030, -28.3270



209.9370, -39.2470, 0.9210



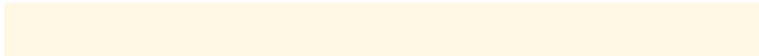
221.5080, 11.2740, 26.9700

Sweetspot

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



215.3640, 36.3610, -14.7030



247.1120, 11.1880, -4.5240



180.2870, 45.5690, 27.6890



123.1270, 6.8320, -2.6720



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.



215.3640, 36.3610, -14.7030



222.5190, 45.9900, -18.5060



225.2440, 18.4830, -32.1170



116.2840, 4.9520, -1.6400



131.9130, 73.6390, -29.5050



40.2240, 22.3760, -9.0480

Inverse Universe

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



175.6360, -36.3610, 14.7030



172.4810, -45.9900, 18.5060



165.7560, -18.4830, 32.1170



111.1290, -4.6770, 2.1630



52.0870, -73.6390, 29.5050



15.7760, -22.3760, 9.0480

Previews

White Background



This preview shows how the YIQ color 215.3640, 36.3610, -14.7030 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 215.3640, 36.3610, -14.7030 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 215.3640, 36.3610, -14.7030

Background



This preview shows how black text looks on a background with the YIQ color 215.3640, 36.3610, -14.7030.



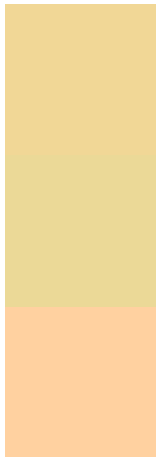
This preview shows how white text looks on a background with the YIQ color 215.3640, 36.3610, -14.7030.

-14.7030.

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

215.3640, 36.3610, -14.7030

Protanopia

214.8580, 31.9140, -16.7100

Deuteranopia

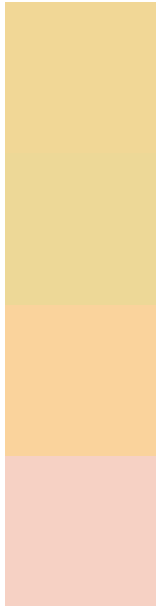
217.1680, 43.1450, -5.4870



Tritanopia

220.6810, 20.4920, 14.0920

Trichromacy



Original Color

215.3640, 36.3610, -14.7030

Protanomaly

214.8690, 33.3810, -15.7630

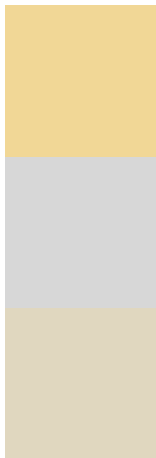
Deuteranomaly

216.3910, 40.8990, -8.8370

Tritanomaly

218.5810, 26.2250, 3.8010

Monochromacy



Original Color

215.3640, 36.3610, -14.7030

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

214.9550, 13.0680, -5.5560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.3640, 36.3610, -14.7030 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, 215, 150)` looks like.

```
.text, #text, p{  
    color:rgb(241, 215, 150)  
}
```

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, 215, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 215, 150) }
```

Border

The CSS property to change the border of an element to YIQ 215.3640, 36.3610, -14.7030 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, 215, 150) }
```


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

```
.border{ border-color:rgb(241, 215, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 215, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 215, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 215, 150);  
box-shadow:4px 4px 4px 4px rgb(241, 215,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 215.3640, 36.3610, -14.7030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 215, 150) }
```

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

```
.background{ background-color: rgb(241,  
215, 150) }
```

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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