

Converting Colors

YIQ(213.1640, 5.4100, 1.0740)

Have a look what the booklet for
YIQ(213.1640, 5.4100, 1.0740)
contains.

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Color

**YIQ(213.1640, 5.4100,
1.0740)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD3D1
RGB	219, 211, 209
RGB Percent	86%, 83%, 82%
CMY	0.1412, 0.1725, 0.1804
CMYK	0.00, 0.04, 0.05, 0.14
HSL	12°, 12%, 84%
HSV	12°, 5%, 86%
XYZ	64.0176, 66.2514, 69.7391
YIQ	213.1640, 5.4100, 1.0740

Conversions

Conversions Part 2

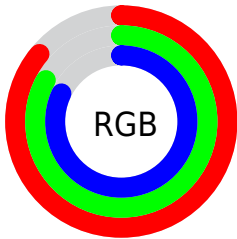
Format	Color
R _Y B	219, 212, 209
Decimal	14406609
CIE Lab	85.12, 2.40, 1.95
CIE LCh	85, 3.097, 39.095
Yxy	66.2514, 0.3201, 0.3312
Android (android.graphics.Color)	4292596689 (0xFFD3D3D1)
YUV	213.1640, -2.0529, 5.1182
Hunter-Lab	81.3949, -2.0499, 6.1768

Details

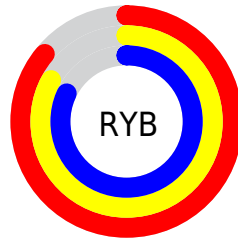
The YIQ color **213.1640, 5.4100, 1.0740** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **214.8360, -5.4100, -1.0740**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **158.8650, 4.8140, 0.8620** is the 20% darker color. If you saturate the color by 10%, you get **200.0900, 17.4220, 3.6460**, and if you desaturate by 10%, it is **226.2380, -6.6020, -1.4980**.

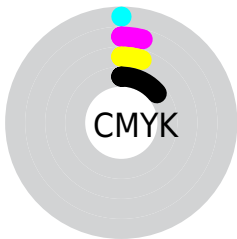
Distribution



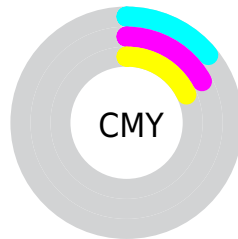
- Red (86%)
- Green (83%)
- Blue (82%)



- Red (86%)
- Yellow (83%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (14%)



- Cyan (14%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.1640, 5.4100, 1.0740 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 213.1640, 5.4100, 1.0740 by changing the saturation by 10% instead.

■ 213.1640, 5.4100,
1.0740

■ 213.1640, 5.4100,
1.0740

255.0000, -0.0000,
-0.0000

■ 185.1640, 5.4100,
1.0740

■ 158.8650, 4.8140,
0.8620

■ 132.2780, 5.0890,
1.3850

■ 106.9790, 4.4930,
1.1730

■ 82.9790, 4.4930,
1.1730

■ 59.9790, 4.4930,
1.1730

■ 38.5660, 4.2180,

0.6500

■ 17.5660, 4.2180,
0.6500

■ 0.0000, 0.0000,
0.0000

■ 213.1640, 5.4100,
1.0740

■ 213.1640, 5.4100,
1.0740

■ 200.0900, 17.4220,
3.6460

■ 226.2380, -6.6020,
-1.4980

■ 187.6030, 29.1590,
5.6950

■ 238.7250,
-18.3390, -3.5470

■ 174.5290, 41.1710,
8.2670

■ 244.2360,
-21.4560, -7.6320

■ 162.0420, 52.9080,
10.3160

■ 149.0820, 64.5990,
13.1990

■ 136.5950, 76.3360,
15.2480

■ 123.5210, 88.3480,
17.8200

■ 111.0340,
100.0850, 19.8690

■ 97.9600, 112.0970,
22.4410

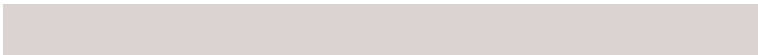
Harmonies

Analogous

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



213.5060, 4.4470, 2.0070



213.1640, 5.4100, 1.0740



212.9250, 4.5850, -0.4950

Triad

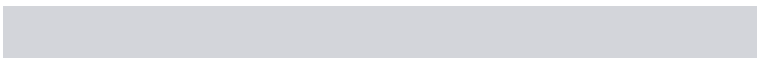
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



213.1640, 5.4100, 1.0740



211.7500, -2.2920, -2.5160



212.9720, -2.7970, 1.1310

Complementary

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



213.1640, 5.4100, 1.0740



214.8360, -5.4100, -1.0740

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.



212.0750, -4.5850, 0.4950



213.1640, 5.4100, 1.0740



211.4940, -4.4470, -2.0070

Square

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



213.1640, 5.4100, 1.0740



212.4190, 0.1380, -2.5020



211.8360, -5.4100, -1.0740



213.1680, -0.4130, 1.9790

Rectangle

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



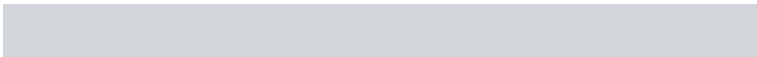
213.1640, 5.4100, 1.0740



212.3270, 3.3930, -0.9190



211.8360, -5.4100, -1.0740



212.6730, -3.3930, 0.9190

Sweetspot

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



213.1640, 5.4100, 1.0740



253.4840, 1.5130, 0.1130



212.9020, 3.3920, 4.6080



126.5980, 1.1920, 0.4240



0.0000, 0.0000, 0.0000



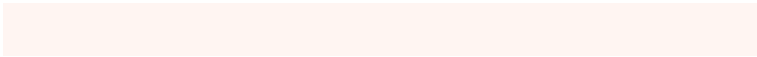
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



213.1640, 5.4100, 1.0740



247.6480, 6.9230, 1.1870



216.0990, 4.0350, -1.5410



105.6800, 3.8970, 0.9610



72.2720, 93.4830, 18.3710



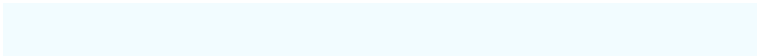
19.0370, 24.9410, 5.0450

Inverse Universe

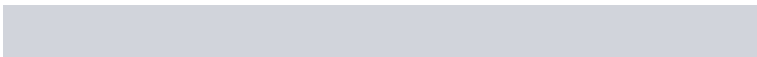
The Inverse Universe completely reimagines the original color for something new.



214.8360, -5.4100, -1.0740



249.3520, -6.9230, -1.1870



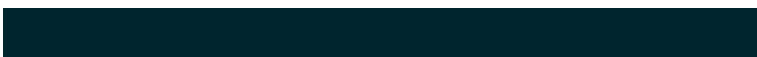
211.9010, -4.0350, 1.5410



106.7330, -3.6220, -0.4380



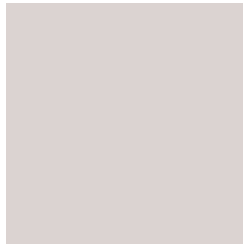
101.3150, -93.7580, -18.8940



26.9630, -24.9410, -5.0450

Previews

White Background



This preview shows how the YIQ color 213.1640, 5.4100, 1.0740 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 213.1640, 5.4100, 1.0740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

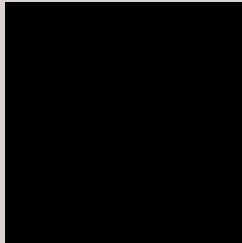
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

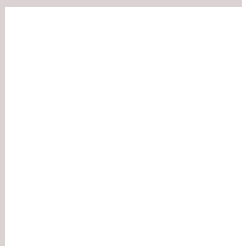
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 213.1640, 5.4100, 1.0740

Background



This preview shows how black text looks on a background with the YIQ color 213.1640, 5.4100, 1.0740.



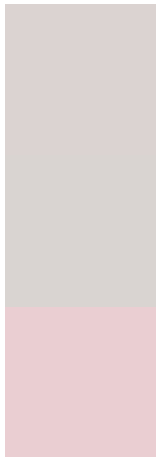
This preview shows how white text looks on a background with the YIQ color 213.1640, 5.4100,

1.0740.

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

213.1640, 5.4100, 1.0740

Protanopia

213.1530, 3.9430, 0.1270

Deuteranopia

214.8280, 15.4040, 7.1800



Tritanopia

214.4120, 2.0160, 7.5200

Trichromacy



Original Color

213.1640, 5.4100, 1.0740

Protanomaly

213.4520, 4.5390, 0.3390

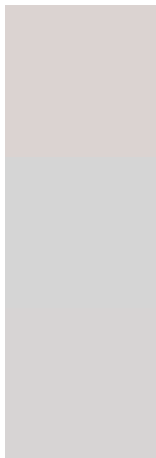
Deuteranomaly

214.5070, 11.8740, 5.0740

Tritanomaly

214.0160, 3.0710, 4.9190

Monochromacy



Original Color

213.1640, 5.4100, 1.0740

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.8970, 1.7880, 0.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.1640, 5.4100, 1.0740 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(219, 211, 209)` looks like.

```
.text, #text, p{  
    color:rgb(219, 211, 209)  
}
```

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(219, 211, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 211, 209) }
```

Border

The CSS property to change the border of an element to YIQ 213.1640, 5.4100, 1.0740 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(219, 211, 209) }
```


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

```
.border{ border-color:rgb(219, 211, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 211, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 211, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 211, 209);  
box-shadow:4px 4px 4px 4px rgb(219, 211,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 213.1640, 5.4100, 1.0740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 211, 209) }
```

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

```
.background{ background-color: rgb(219,  
211, 209) }
```

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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