

Converting Colors

YIQ(212.5880, 7.1520, 2.5440)

Have a look what the booklet for
YIQ(212.5880, 7.1520, 2.5440)
contains.

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Color

**YIQ(212.5880, 7.1520,
2.5440)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD1D1
RGB	221, 209, 209
RGB Percent	87%, 82%, 82%
CMY	0.1333, 0.1804, 0.1804
CMYK	0.00, 0.05, 0.05, 0.13
HSL	360°, 15%, 84%
HSV	360°, 5%, 87%
XYZ	64.1298, 65.5756, 69.6036
YIQ	212.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

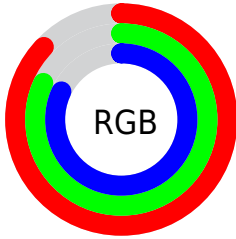
Format	Color
R_{YB}	221, 209, 209
Decimal	14537169
CIE _{Lab}	84.78, 4.15, 1.47
CIE _{LCh}	85, 4.400, 19.519
Yxy	65.5756, 0.3218, 0.3290
Android (android.graphics.Color)	4292727249 (0xFFDDD1D1)
YUV	212.5880, -1.7689, 7.3773
Hunter-Lab	80.9787, -0.3527, 5.7236

Details

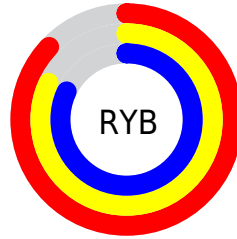
The YIQ color **212.5880, 7.1520, 2.5440** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **217.4120, -7.1520, -2.5440**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **158.2890, 6.5560, 2.3320** is the 20% darker color. If you saturate the color by 10%, you get **197.1660, 20.2640, 7.2080**, and if you desaturate by 10%, it is **228.0100, -5.9600, -2.1200**.

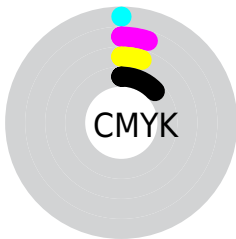
Distribution



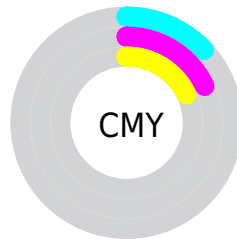
- Red (87%)
- Green (82%)
- Blue (82%)



- Red (87%)
- Yellow (82%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.5880, 7.1520, 2.5440 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 212.5880, 7.1520, 2.5440 by changing the saturation by 10% instead.

■ 212.5880, 7.1520,
2.5440

■ 212.5880, 7.1520,
2.5440

255.0000, -0.0000,
-0.0000

■ 184.5880, 7.1520,
2.5440

■ 158.2890, 6.5560,
2.3320

■ 132.2890, 6.5560,
2.3320

■ 106.9900, 5.9600,
2.1200

■ 82.9900, 5.9600,
2.1200

■ 59.6910, 5.3640,
1.9080

■ 37.6910, 5.3640,

1.9080

■ 16.9900, 5.9600,
2.1200

■ 0.0000, 0.0000,
0.0000

■ 212.5880, 7.1520,
2.5440

■ 212.5880, 7.1520,
2.5440

■ 197.1660, 20.2640,
7.2080

■ 228.0100, -5.9600,
-2.1200

■ 181.7440, 33.3760,
11.8720

■ 243.4320,
-19.0720, -6.7840

■ 166.3220, 46.4880,
16.5360

■ 244.8340,
-20.2640, -7.2080

■ 150.9000, 59.6000,
21.2000

■ 134.8910, 72.9870,
26.3870

■ 119.3550, 86.4200,
30.7400

■ 103.9330, 99.5320,
35.4040

■ 88.5110, 112.6440,
40.0680

■ 73.0890, 125.7560,
44.7320

Harmonies

Analogous

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



212.4460, 4.6760, 3.3640



212.5880, 7.1520, 2.5440



212.4200, 7.5650, 0.5650

Triad

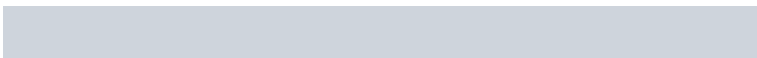
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



212.5880, 7.1520, 2.5440



210.4080, -1.3290, -3.4490



211.1180, -6.1440, 1.2160

Complementary

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



212.5880, 7.1520, 2.5440



217.4120, -7.1520, -2.5440

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.



211.1670, -7.8400, -1.0880



212.5880, 7.1520, 2.5440



210.5540, -4.6760, -3.3640

Square

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



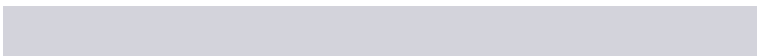
212.5880, 7.1520, 2.5440



211.0880, 2.5680, -2.4880



210.4120, -7.1520, -2.5440



211.9120, -2.5680, 2.4880

Rectangle

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



212.5880, 7.1520, 2.5440



211.7080, 6.6940, -0.1700



210.4120, -7.1520, -2.5440



211.2920, -6.6940, 0.1700

Sweetspot

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



212.5880, 7.1520, 2.5440



251.4950, 2.9800, 1.0600



213.9560, 3.3000, 6.2760



125.8970, 1.7880, 0.6360



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

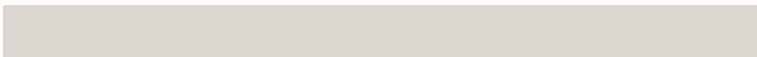
The Same Dimension uses a secret algorithm to generate beautiful new colors.



212.5880, 7.1520, 2.5440



242.3820, 10.7280, 3.8160



216.1100, 5.5020, -0.5940



103.6910, 5.3640, 1.9080



51.7270, 103.1080, 36.6760



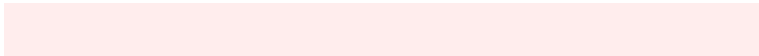
13.7540, 27.4160, 9.7520

Inverse Universe

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



212.5880, 7.1520, 2.5440



242.3820, 10.7280, 3.8160



213.8900, -5.5020, 0.5940



103.6910, 5.3640, 1.9080



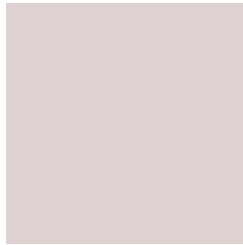
51.7270, 103.1080, 36.6760



13.7540, 27.4160, 9.7520

Previews

White Background



This preview shows how the YIQ color 212.5880, 7.1520, 2.5440 looks on a white background.

Color Contrast Check

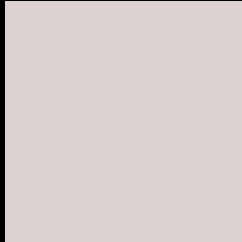
Large Text (above 18pt) WCAG AA × Fail

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 212.5880, 7.1520, 2.5440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

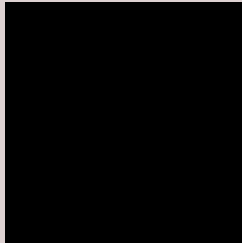
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

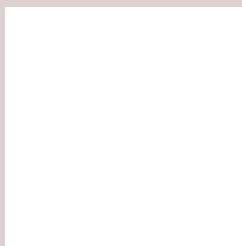
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 212.5880, 7.1520, 2.5440

Background



This preview shows how black text looks on a background with the YIQ color 212.5880, 7.1520, 2.5440.



This preview shows how white text looks on a background with the YIQ color 212.5880, 7.1520,

2.5440.

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

212.5880, 7.1520, 2.5440

Protanopia

212.3810, 3.3010, 0.7490

Deuteranopia

213.9420, 15.0830, 7.4910



Tritanopia

213.6080, 4.4000, 8.3680

Trichromacy



Original Color

212.5880, 7.1520, 2.5440

Protanomaly

212.3920, 4.7680, 1.6960

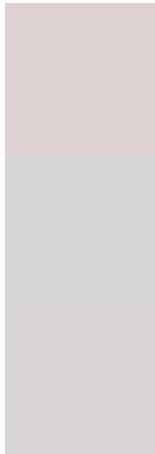
Deuteranomaly

213.3330, 12.4240, 6.1200

Tritanomaly

213.3260, 5.1340, 6.0780

Monochromacy



Original Color

212.5880, 7.1520, 2.5440

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.1960, 2.3840, 0.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.5880, 7.1520, 2.5440 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(221, 209, 209)` looks like.

```
.text, #text, p{  
    color:rgb(221, 209, 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(221, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 209, 209) }
```

Border

The CSS property to change the border of an element to YIQ 212.5880, 7.1520, 2.5440 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(221, 209, 209) }
```


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

```
.border{ border-color:rgb(221, 209, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 209, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 209, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 209, 209); box-shadow:4px 4px 4px 4px rgb(221, 209, 209) }
```

Background

The CSS property to change the background color of an element to YIQ 212.5880, 7.1520, 2.5440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 209, 209) }
```

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

```
.background{ background-color: rgb(221,  
209, 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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