

Converting Colors

YIQ(221.0840, -8.8040, 5.3720)

Have a look what the booklet for
YIQ(221.0840, -8.8040, 5.3720)
contains.

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Color

**YIQ(221.0840, -8.8040,
5.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	D8DCF0
RGB	216, 220, 240
RGB Percent	85%, 86%, 94%
CMY	0.1529, 0.1372, 0.0589
CMYK	0.10, 0.08, 0.00, 0.06
HSL	230°, 44%, 89%
HSV	230°, 10%, 94%
XYZ	69.6390, 72.0769, 92.6699
YIQ	221.0840, -8.8040, 5.3720

Conversions

Conversions Part 2

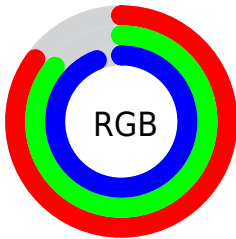
Format	Color
R _Y B	216, 219, 240
Decimal	14212336
CIE Lab	88.01, 2.46, -10.22
CIE LCh	88, 10.506, 283.519
Yxy	72.0769, 0.2971, 0.3075
Android (android.graphics.Color)	4292402416 (0xFFD8DCF0)
YUV	221.0840, 9.3256, -4.4587
Hunter-Lab	84.8981, -2.1541, -5.2889

Details

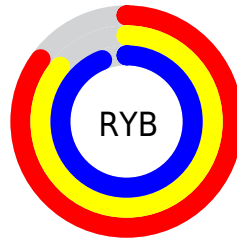
The YIQ color `221.0840, -8.8040, 5.3720` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `234.9160, 8.8040, -5.3720`, and the grayscale version is `221.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, -0.0000, -0.0000`, and `165.9700, -8.4830, 5.0610` is the 20% darker color. If you saturate the color by 10%, you get `202.1680, -17.6080, 10.7440`, and if you desaturate by 10%, it is `240.0000, -0.0000, -0.0000`.

Distribution



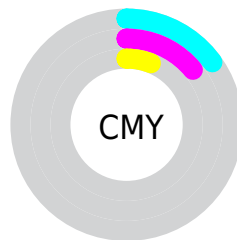
- Red (85%)
- Green (86%)
- Blue (94%)



- Red (85%)
- Yellow (86%)
- Blue (94%)



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (6%)



- Cyan (15%)
- Magenta (14%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.0840, -8.8040, 5.3720 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 221.0840, -8.8040, 5.3720 by changing the saturation by 10% instead.

■ 221.0840, -8.8040,
5.3720

■ 221.0840, -8.8040,
5.3720

255.0000, -0.0000,
-0.0000

■ 193.0840, -8.8040,
5.3720

■ 165.9700, -8.4830,
5.0610

■ 139.8560, -8.1620,
4.7500

■ 113.8560, -8.1620,
4.7500

■ 89.7420, -7.8410,
4.4390

■ 66.6280, -7.5200,
4.1280

■ 44.2150, -7.7950,

3.6050

■ 23.4000, -6.8780,
3.5060

■ 2.4110, -5.4110,
4.4530

■ 221.0840, -8.8040,
5.3720

■ 221.0840, -8.8040,
5.3720

■ 202.1680,
-17.6080, 10.7440

■ 240.0000, -0.0000,
-0.0000

■ 183.2520,
-26.4120, 16.1160

■ 253.2900, 4.8150,
-4.6650

■ 164.3360,
-35.2160, 21.4880

■ 145.4200,
-44.0200, 26.8600

■ 126.5040,
-52.8240, 32.2320

■ 107.5880,
-61.6280, 37.6040

■ 88.6720, -70.4320,
42.9760

■ 69.7560, -79.2360,
48.3480

■ 50.8400, -88.0400,
53.7200

Harmonies

Analogous

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



219.2570, -16.7810, 1.2590



221.0840, -8.8040, 5.3720



222.3410, 0.7780, 7.9300

Triad

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



221.0840, -8.8040, 5.3720



221.8620, 18.0640, 3.0240



217.5700, -10.7730, -8.5090

Complementary

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



221.0840, -8.8040, 5.3720



234.9160, 8.8040, -5.3720

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.



218.6590, -0.7780, -7.9300



221.0840, -8.8040, 5.3720



221.2590, 15.2680, -1.3720

Square

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



221.0840, -8.8040, 5.3720



222.6000, 16.0460, 6.5580



219.6170, 8.2080, -5.5840



217.8020, -17.2380, -6.9820

Rectangle

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



221.0840, -8.8040, 5.3720



222.6900, 7.1050, 8.9050



219.6170, 8.2080, -5.5840



218.1250, -8.0220, -8.8060

Sweetspot

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



221.0840, -8.8040, 5.3720



249.0860, -3.1180, 1.4420



232.3680, -13.0200, -6.3320



123.2710, -2.2010, 1.3430



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.



221.0840, -8.8040, 5.3720



231.0560, -11.6010, 6.5030



221.1280, -2.9360, 9.1600



110.5420, -4.4020, 2.6860



39.1730, -67.5890, 41.0110



11.6670, -20.4510, 12.7090

Inverse Universe

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



223.6320, 13.0200, 6.3320



233.9530, 16.5500, 8.4380



234.8720, 2.9360, -9.1600



111.8160, 6.5100, 3.1660



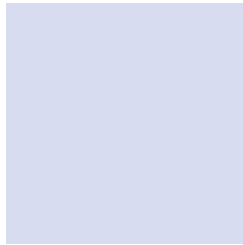
58.5500, 99.7130, 48.6490



17.7700, 30.4870, 14.6710

Previews

White Background



This preview shows how the YIQ color 221.0840, -8.8040, 5.3720 looks on a white background.

Color Contrast Check

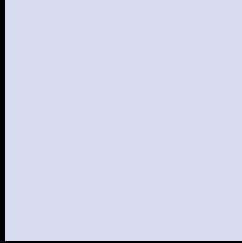
Large Text (above 18pt) WCAG AA × Fail

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 221.0840, -8.8040, 5.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

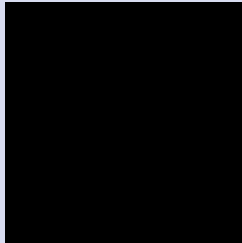
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 221.0840, -8.8040, 5.3720

Background



This preview shows how black text looks on a background with the YIQ color 221.0840, -8.8040, 5.3720.

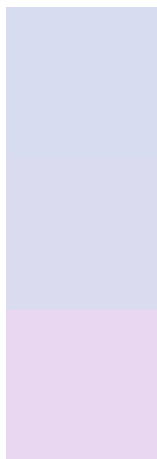


This preview shows how white text looks on a background with the YIQ color 221.0840, -8.8040,

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

221.0840, -8.8040, 5.3720

Protanopia

221.2800, -6.4200, 6.2200

Deuteranopia

222.7590, 2.6570, 12.4250



Tritanopia

220.8560, -8.1620, 4.7500

Trichromacy



Original Color

221.0840, -8.8040, 5.3720

Protanomaly

220.9810, -7.0160, 6.0080

Deuteranomaly

222.1390, -1.4690, 10.1070

Tritanomaly

220.9700, -8.4830, 5.0610

Monochromacy



Original Color

221.0840, -8.8040, 5.3720

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.2000, -3.4390, 1.7530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.0840, -8.8040, 5.3720 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(216, 220, 240)` looks like.

```
.text, #text, p{  
    color:rgb(216, 220, 240)  
}
```

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(216, 220, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 220, 240) }
```

Border

The CSS property to change the border of an element to YIQ 221.0840, -8.8040, 5.3720 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(216, 220, 240) }
```


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

```
.border{ border-color:rgb(216, 220, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 220, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 220, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 220, 240);  
box-shadow:4px 4px 4px 4px rgb(216, 220,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 221.0840, -8.8040, 5.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 220, 240) }
```

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

```
.background{ background-color: rgb(216,  
220, 240) }
```

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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