

Converting Colors

YIQ(220.0090, -4.2190, 4.8770)

Have a look what the booklet for
YIQ(220.0090, -4.2190, 4.8770)
contains.

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Color

**YIQ(220.0090, -4.2190,
4.8770)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDAE9
RGB	219, 218, 233
RGB Percent	86%, 85%, 91%
CMY	0.1412, 0.1451, 0.0863
CMYK	0.06, 0.06, 0.00, 0.09
HSL	244°, 25%, 88%
HSV	244°, 6%, 91%
XYZ	68.9926, 71.0859, 87.1700
YIQ	220.0090, -4.2190, 4.8770

Conversions

Conversions Part 2

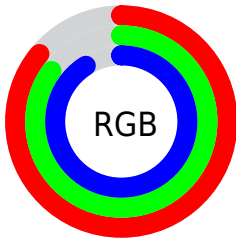
Format	Color
R _Y B	219, 218, 233
Decimal	14408425
CIE Lab	87.53, 3.12, -7.21
CIE LCh	88, 7.860, 293.393
Yxy	71.0859, 0.3036, 0.3128
Android (android.graphics.Color)	4292598505 (0xFFDBDAE9)
YUV	220.0090, 6.4046, -0.8849
Hunter-Lab	84.3125, -1.4810, -2.2808

Details

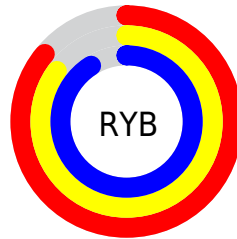
The YIQ color `220.0090, -4.2190, 4.8770` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `230.9910, 4.2190, -4.8770`, and the grayscale version is `220.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, -0.0000, -0.0000`, and `164.8950, -3.8980, 4.5660` is the 20% darker color. If you saturate the color by 10%, you get `199.9300, -11.0060, 12.2420`, and if you desaturate by 10%, it is `240.0880, 2.5680, -2.4880`.

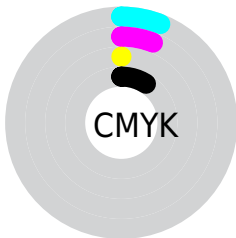
Distribution



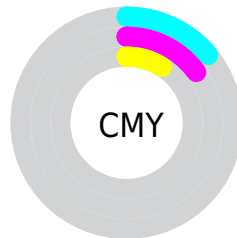
- Red (86%)
- Green (85%)
- Blue (91%)



- Red (86%)
- Yellow (85%)
- Blue (91%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (14%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.0090, -4.2190, 4.8770 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 220.0090, -4.2190, 4.8770 by changing the saturation by 10% instead.

■ 220.0090, -4.2190,
4.8770

■ 220.0090, -4.2190,
4.8770

255.0000, -0.0000,
-0.0000

■ 192.0090, -4.2190,
4.8770

■ 164.8950, -3.8980,
4.5660

■ 138.8950, -3.8980,
4.5660

■ 113.4820, -4.1730,
4.0430

■ 88.7810, -3.5770,
4.2550

■ 65.3680, -3.8520,
3.7320

■ 43.2540, -3.5310,

3.4210

■ 23.1400, -3.2100,
3.1100

■ 0.7980, -2.2470,
2.1770

■ 220.0090, -4.2190,
4.8770

■ 220.0090, -4.2190,
4.8770

■ 199.9300,
-11.0060, 12.2420

■ 240.0880, 2.5680,
-2.4880

■ 179.5630,
-16.9220, 20.3420

■ 252.4920, 7.0620,
-6.8420

■ 159.4840,
-23.7090, 27.7070

■ 139.4050,
-30.4960, 35.0720

■ 119.3260,
-37.2830, 42.4370

■ 98.9590, -43.1990,
50.5370

■ 78.8800, -49.9860,
57.9020

■ 58.8010, -56.7730,
65.2670

■ 38.1350, -63.2850,
73.1550

Harmonies

Analogous

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



218.6060, -10.4540, 2.2340



220.0090, -4.2190, 4.8770



220.9560, 3.3000, 6.2760

Triad

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



220.0090, -4.2190, 4.8770



220.4700, 13.2960, 1.3280



217.2220, -9.6730, -6.4170

Complementary

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



220.0090, -4.2190, 4.8770



230.9910, 4.2190, -4.8770

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.



217.9300, -2.9790, -6.5870



220.0090, -4.2190, 4.8770



219.5080, 10.1330, -1.9230

Square

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



220.0090, -4.2190, 4.8770



221.1650, 12.8370, 4.1410



218.6920, 3.6230, -5.0890



217.2370, -14.0290, -4.5650

Rectangle

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



220.0090, -4.2190, 4.8770



221.1090, 7.2430, 6.4030



218.6920, 3.6230, -5.0890



217.5920, -7.8390, -6.6150

Sweetspot

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



220.0090, -4.2190, 4.8770



250.5700, -1.6050, 1.5550



227.9280, -8.6650, -2.6570



125.3420, -0.9630, 0.9330



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.



220.0090, -4.2190, 4.8770



237.5790, -5.8240, 6.4320



222.1020, -0.0470, 6.3610



107.2540, -3.5310, 3.4210



24.2220, -50.9490, 58.8350



7.3520, -14.9500, 17.6420

Inverse Universe

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



224.0810, 4.4460, 7.5340



243.1460, 5.8210, 10.1490



228.8980, 0.0470, -6.3610



110.5430, 3.0250, 5.7530



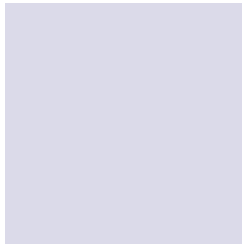
73.3850, 53.6270, 90.9310



21.8460, 16.1340, 26.9980

Previews

White Background



This preview shows how the YIQ color 220.0090, -4.2190, 4.8770 looks on a white background.

Color Contrast Check

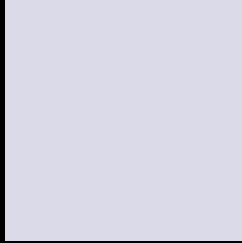
Large Text (above 18pt) WCAG AA × Fail

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 220.0090, -4.2190, 4.8770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

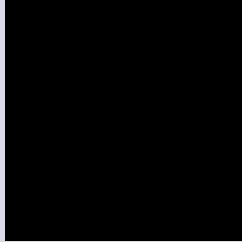
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

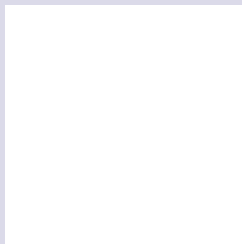
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 220.0090, -4.2190, 4.8770

Background



This preview shows how black text looks on a background with the YIQ color 220.0090, -4.2190, 4.8770.



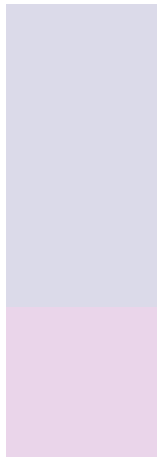
This preview shows how white text looks on a background with the YIQ color 220.0090, -4.2190,

4.8770.

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

220.0090, -4.2190, 4.8770

Protanopia

220.0090, -4.2190, 4.8770

Deuteranopia

221.6730, 5.7750, 10.9830



Tritanopia

220.2370, -4.8610, 5.4990

Trichromacy



Original Color

220.0090, -4.2190, 4.8770

Protanomaly

220.0090, -4.2190, 4.8770

Deuteranomaly

221.3520, 2.2450, 8.8770

Tritanomaly

220.1230, -4.5400, 5.1880

Monochromacy



Original Color

220.0090, -4.2190, 4.8770

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.9830, -1.3300, 2.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.0090, -4.2190, 4.8770 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, 218, 233)` looks like.

```
.text, #text, p{  
    color:rgb(219, 218, 233)  
}
```

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, 218, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 218, 233) }
```

Border

The CSS property to change the border of an element to YIQ 220.0090, -4.2190, 4.8770 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, 218, 233) }
```


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

```
.border{ border-color:rgb(219, 218, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 218, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 218, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 218, 233);  
box-shadow:4px 4px 4px 4px rgb(219, 218,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 220.0090, -4.2190, 4.8770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 218, 233) }
```

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

```
.background{ background-color: rgb(219,  
218, 233) }
```

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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