

Converting Colors

YIQ(217.6560, -4.7230, 2.9970)

Have a look what the booklet for
YIQ(217.6560, -4.7230, 2.9970)
contains.

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Color

**YIQ(217.6560, -4.7230,
2.9970)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D9E4
RGB	215, 217, 228
RGB Percent	84%, 85%, 89%
CMY	0.1569, 0.1490, 0.1059
CMYK	0.06, 0.05, 0.00, 0.11
HSL	231°, 19%, 87%
HSV	231°, 6%, 89%
XYZ	66.8402, 69.6744, 83.3194
YIQ	217.6560, -4.7230, 2.9970

Conversions

Conversions Part 2

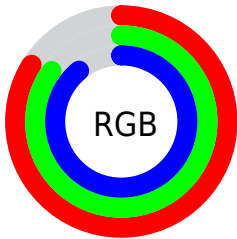
Format	Color
R _Y B	215, 217, 228
Decimal	14146020
CIE Lab	86.84, 1.37, -5.63
CIE LCh	87, 5.793, 283.700
Yxy	69.6744, 0.3040, 0.3169
Android (android.graphics.Color)	4292336100 (0xFFD7D9E4)
YUV	217.6560, 5.0996, -2.3293
Hunter-Lab	83.4712, -3.1393, -0.7524

Details

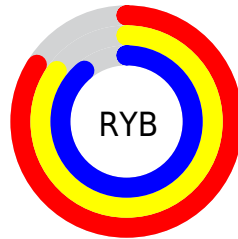
The YIQ color $217.6560, -4.7230, 2.9970$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $225.3440, 4.7230, -2.9970$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $162.6560, -4.7230, 2.9970$ is the 20% darker color. If you saturate the color by 10%, you get $199.6260, -13.2060, 8.0580$, and if you desaturate by 10%, it is $235.6860, 3.7600, -2.0640$.

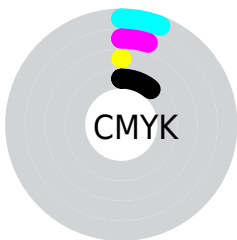
Distribution



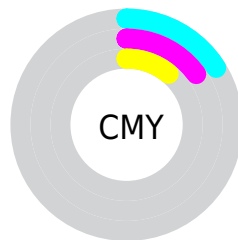
- Red (84%)
- Green (85%)
- Blue (89%)



- Red (84%)
- Yellow (85%)
- Blue (89%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.6560, -4.7230, 2.9970 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 217.6560, -4.7230, 2.9970 by changing the saturation by 10% instead.

■ 217.6560, -4.7230,
2.9970

■ 217.6560, -4.7230,
2.9970

255.0000, -0.0000,
-0.0000

■ 189.6560, -4.7230,
2.9970

■ 162.6560, -4.7230,
2.9970

■ 136.5420, -4.4020,
2.6860

■ 111.4280, -4.0810,
2.3750

■ 86.5420, -4.4020,
2.6860

■ 63.4280, -4.0810,
2.3750

■ 41.3140, -3.7600,

2.0640

■ 21.3140, -3.7600,
2.0640

■ 0.0000, 0.0000,
0.0000

■ 217.6560, -4.7230,
2.9970

■ 217.6560, -4.7230,
2.9970

■ 199.6260,
-13.2060, 8.0580

■ 235.6860, 3.7600,
-2.0640

■ 181.0090,
-21.4140, 13.6420

■ 251.9220, 8.6670,
-8.3970

■ 163.2780,
-29.3010, 18.9150

■ 145.2480,
-37.7840, 23.9760

■ 127.2180,
-46.2670, 29.0370

■ 108.6010,
-54.4750, 34.6210

■ 90.5710, -62.9580,
39.6820

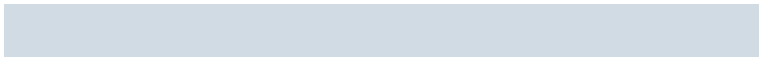
■ 72.8400, -70.8450,
44.9550

■ 54.2230, -79.0530,
50.5390

Harmonies

Analogous

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



217.0360, -8.8490, 0.6790



217.6560, -4.7230, 2.9970



218.2330, 0.9620, 4.5940

Triad

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



217.6560, -4.7230, 2.9970



218.6160, 9.9490, 1.4130



216.0160, -6.0970, -5.1450

Complementary

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



217.6560, -4.7230, 2.9970



225.3440, 4.7230, -2.9970

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.



216.0660, -0.3660, -4.3820



217.6560, -4.7230, 2.9970



217.6650, 8.2530, -0.8910

Square

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



217.6560, -4.7230, 2.9970



218.8980, 9.2150, 3.7030



217.0450, 4.1270, -3.2090



216.1020, -9.2150, -3.7030

Rectangle

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



217.6560, -4.7230, 2.9970



218.2010, 3.9880, 4.8200



217.0450, 4.1270, -3.2090



215.7990, -3.9880, -4.8200

Sweetspot

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



217.6560, -4.7230, 2.9970



251.1570, -1.8800, 1.0320



223.8850, -7.1060, -3.3780



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.



217.6560, -4.7230, 2.9970



240.8130, -6.6030, 4.0290



217.6780, -1.7890, 4.8910



107.6130, -3.1640, 2.2760



36.8420, -65.1590, 41.0250



10.5100, -18.5710, 11.6770

Inverse Universe

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



219.1150, 7.1060, 3.3780



242.7240, 9.7650, 4.7490



225.3220, 1.7890, -4.8910



108.8050, 5.0430, 2.2190



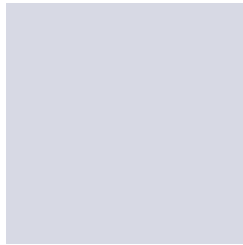
56.7130, 97.6960, 46.6560



16.1610, 27.8280, 13.3000

Previews

White Background



This preview shows how the YIQ color 217.6560, -4.7230, 2.9970 looks on a white background.

Color Contrast Check

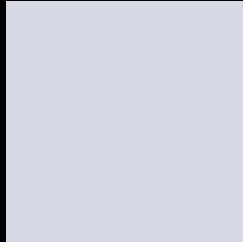
Large Text (above 18pt) WCAG AA × Fail

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 217.6560, -4.7230, 2.9970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

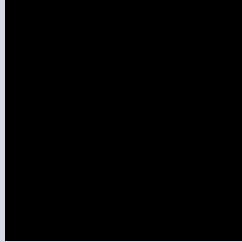
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

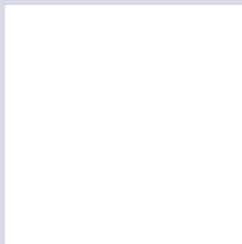
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 217.6560, -4.7230, 2.9970

Background



This preview shows how black text looks on a background with the YIQ color 217.6560, -4.7230, 2.9970.



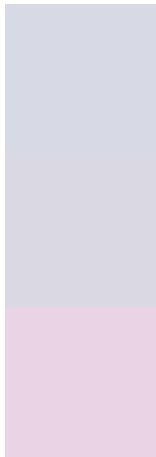
This preview shows how white text looks on a background with the YIQ color 217.6560, -4.7230,

2.9970.

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

217.6560, -4.7230, 2.9970

Protanopia

217.8520, -2.3390, 3.8450

Deuteranopia

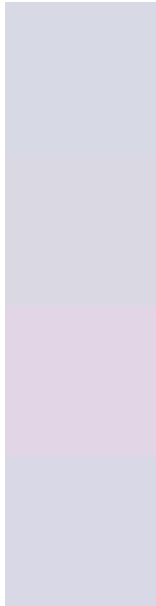
219.6300, 7.3340, 10.2620



Tritanopia

217.9380, -5.4570, 5.2870

Trichromacy



Original Color

217.6560, -4.7230, 2.9970

Protanomaly

217.5530, -2.9350, 3.6330

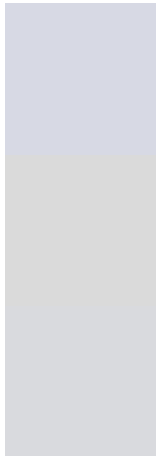
Deuteranomaly

218.7110, 2.6120, 7.7320

Tritanomaly

217.7100, -4.8150, 4.6650

Monochromacy



Original Color

217.6560, -4.7230, 2.9970

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.1570, -1.8800, 1.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.6560, -4.7230, 2.9970 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(215, 217, 228)` looks like.

```
.text, #text, p{  
    color:rgb(215, 217, 228)  
}
```

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(215, 217, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 217, 228) }
```

Border

The CSS property to change the border of an element to YIQ 217.6560, -4.7230, 2.9970 is called "border". The border property can be set on classes, ids or directly on the HTML element.

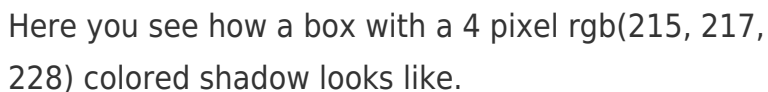
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 217, 228) }
```


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

```
.border{ border-color:rgb(215, 217, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 217, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 217, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 217, 228); box-shadow:4px 4px 4px 4px rgb(215, 217, 228) }
```

Background

The CSS property to change the background color of an element to YIQ 217.6560, -4.7230, 2.9970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 217, 228) }
```

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

```
.background{ background-color: rgb(215,  
217, 228) }
```

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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