

Converting Colors

YIQ(216.1070, -7.6110, 0.2690)

Have a look what the booklet for
YIQ(216.1070, -7.6110, 0.2690)
contains.

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Color

**YIQ(216.1070, -7.6110,
0.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DAE1
RGB	209, 218, 225
RGB Percent	82%, 85%, 88%
CMY	0.1804, 0.1451, 0.1177
CMYK	0.07, 0.03, 0.00, 0.12
HSL	206°, 21%, 85%
HSV	206°, 7%, 88%
XYZ	64.9550, 69.1352, 81.1486
YIQ	216.1070, -7.6110, 0.2690

Conversions

Conversions Part 2

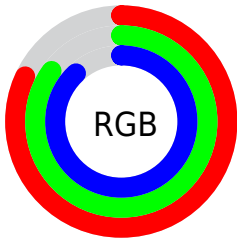
Format	Color
R _Y B	209, 215, 225
Decimal	13753057
CIE Lab	86.57, -1.70, -4.48
CIE LCh	87, 4.796, 249.215
Yxy	69.1352, 0.3018, 0.3212
Android (android.graphics.Color)	4291943137 (0xFFD1DAE1)
YUV	216.1070, 4.3842, -6.2328
Hunter-Lab	83.1476, -6.0638, 0.3387

Details

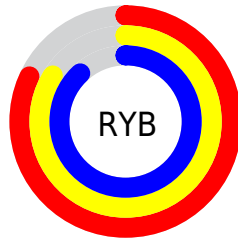
The YIQ color $216.1070, -7.6110, 0.2690$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $217.8930, 7.6110, -0.2690$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $161.4060, -7.0150, 0.4810$ is the 20% darker color. If you saturate the color by 10%, you get $203.3600, -18.5690, 0.6230$, and if you desaturate by 10%, it is $228.5550, 2.7510, -0.2970$.

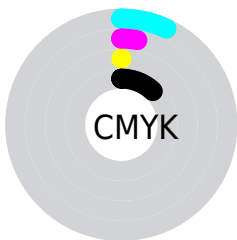
Distribution



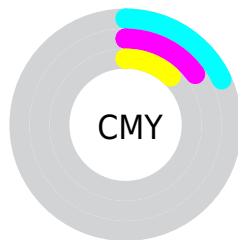
- Red (82%)
- Green (85%)
- Blue (88%)



- Red (82%)
- Yellow (84%)
- Blue (88%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (12%)



- Cyan (18%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.1070, -7.6110, 0.2690 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 216.1070, -7.6110, 0.2690 by changing the saturation by 10% instead.

■ 216.1070, -7.6110,
0.2690

■ 216.1070, -7.6110,
0.2690

255.0000, -0.0000,
-0.0000

■ 188.1070, -7.6110,
0.2690

■ 161.4060, -7.0150,
0.4810

■ 135.2920, -6.6940,
0.1700

■ 109.9930, -7.2900,
-0.0420

■ 85.2920, -6.6940,
0.1700

■ 62.2920, -6.6940,
0.1700

■ 40.4770, -5.7770,

0.0710

■ 20.0640, -6.0520,
-0.4520

■ 0.0000, 0.0000,
0.0000

■ 216.1070, -7.6110,
0.2690

■ 216.1070, -7.6110,
0.2690

■ 203.3600,
-18.5690, 0.6230

■ 228.5550, 2.7510,
-0.2970

■ 190.9120,
-28.9310, 1.1890

■ 241.3020, 13.7090,
-0.6510

■ 178.7520,
-40.1640, 1.0200

■ 246.8840, 11.8300,
-5.1460

■ 166.3040,
-50.5260, 1.5860

■ 251.5800, 9.6300,
-9.3300

■ 153.8560,
-60.8880, 2.1520

■ 141.1090,
-71.8460, 2.5060

■ 128.6610,
-82.2080, 3.0720

■ 115.9140,
-93.1660, 3.4260

■ 104.0530,
-103.8030, 3.4690

Harmonies

Analogous

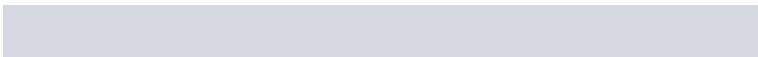
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215.4550, -8.7110, -1.8230



216.1070, -7.6110, 0.2690



217.1290, -4.6770, 2.1630

Triad

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



216.1070, -7.6110, 0.2690



218.0010, 7.4270, 3.0670



215.8920, 0.1840, -3.3360

Complementary

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



216.1070, -7.6110, 0.2690



217.8930, 7.6110, -0.2690

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.



216.5720, 4.0810, -2.3750



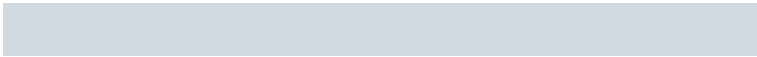
216.1070, -7.6110, 0.2690



217.5450, 8.7110, 1.8230

Square

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



216.1070, -7.6110, 0.2690



217.6740, 4.0340, 3.9860



216.8930, 7.6110, -0.2690



215.3260, -4.0340, -3.9860

Rectangle

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



216.1070, -7.6110, 0.2690



217.6240, -1.6970, 3.2230



216.8930, 7.6110, -0.2690



216.3760, 1.6970, -3.2230

Sweetspot

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



216.1070, -7.6110, 0.2690



252.3310, -2.4300, -0.0140



219.1900, -6.6470, -6.1910



125.9290, -1.2380, 0.4100



0.0000, 0.0000, 0.0000



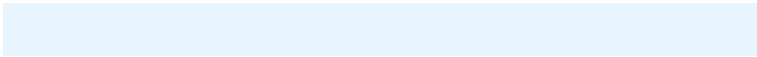
128.0000, -0.0000, -0.0000

Same Dimension

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



216.1070, -7.6110, 0.2690



242.2530, -10.9580, 0.3540



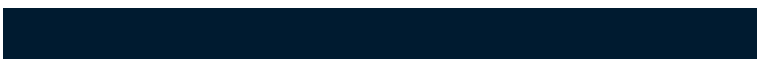
211.4110, -5.4110, 4.4530



105.7760, -5.1810, 0.2830



78.1770, -83.7210, 2.9590



21.3210, -22.8330, 0.8070

Inverse Universe

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



214.8100, 6.6470, 6.1910



240.3590, 9.5350, 8.9190



222.5890, 5.4110, -4.4530



104.9730, 4.6300, 4.1980



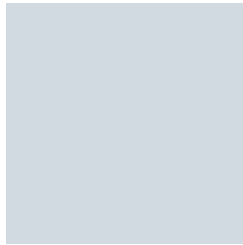
63.9100, 73.1170, 68.1010



17.4300, 19.9410, 18.5730

Previews

White Background



This preview shows how the YIQ color 216.1070, -7.6110, 0.2690 looks on a white background.

Color Contrast Check

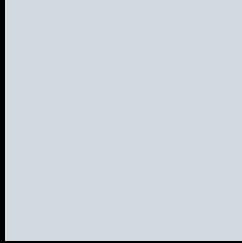
Large Text (above 18pt) WCAG AA × Fail

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 216.1070, -7.6110, 0.2690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

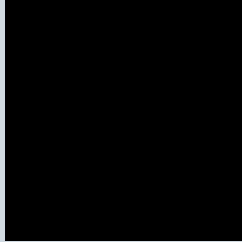
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

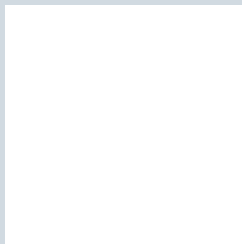
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 216.1070, -7.6110, 0.2690

Background



This preview shows how black text looks on a background with the YIQ color 216.1070, -7.6110, 0.2690.



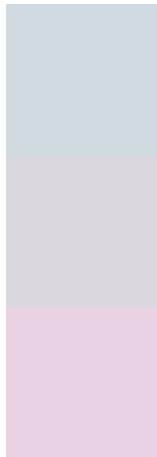
This preview shows how white text looks on a background with the YIQ color 216.1070, -7.6110,

0.2690.

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

216.1070, -7.6110, 0.2690

Protanopia

216.8090, -0.7800, 3.1240

Deuteranopia

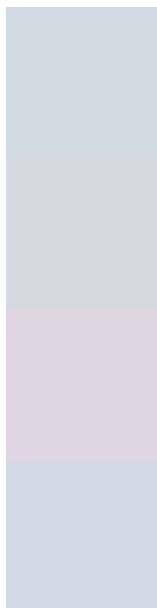
218.8150, 8.2510, 10.1630



Tritanopia

216.8450, -9.6290, 3.8030

Trichromacy



Original Color

216.1070, -7.6110, 0.2690

Protanomaly

216.6130, -3.1640, 2.2760

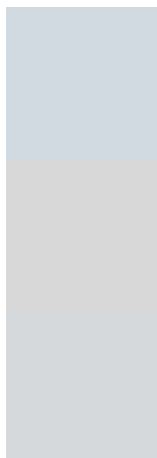
Deuteranomaly

217.7710, 2.3830, 6.3750

Tritanomaly

216.5030, -8.6660, 2.8700

Monochromacy



Original Color

216.1070, -7.6110, 0.2690

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.0320, -3.0260, -0.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.1070, -7.6110, 0.2690 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(209, 218, 225)` looks like.

```
.text, #text, p{  
    color:rgb(209, 218, 225)  
}
```

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(209, 218, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 218, 225) }
```

Border

The CSS property to change the border of an element to YIQ 216.1070, -7.6110, 0.2690 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(209, 218, 225) }
```


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

```
.border{ border-color:rgb(209, 218, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 218, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 218, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 218, 225);  
box-shadow:4px 4px 4px 4px rgb(209, 218,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 216.1070, -7.6110, 0.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 218, 225) }
```

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

```
.background{ background-color: rgb(209,  
218, 225) }
```

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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