

Converting Colors

YIQ(221.6070, -3.0270, 5.3010)

Have a look what the booklet for
YIQ(221.6070, -3.0270, 5.3010)
contains.

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Color

**YIQ(221.6070, -3.0270,
5.3010)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDBEA
RGB	222, 219, 234
RGB Percent	87%, 86%, 92%
CMY	0.1294, 0.1412, 0.0824
CMYK	0.05, 0.06, 0.00, 0.08
HSL	252°, 26%, 89%
HSV	252°, 6%, 92%
XYZ	70.3071, 72.1328, 88.0548
YIQ	221.6070, -3.0270, 5.3010

Conversions

Conversions Part 2

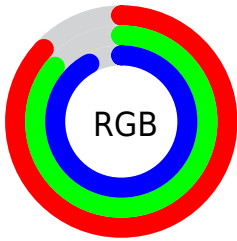
Format	Color
RYB	222, 219, 234
Decimal	14605290
CIELab	88.03, 3.78, -6.97
CIELCh	88, 7.926, 298.457
Yxy	72.1328, 0.3050, 0.3129
Android (android.graphics.Color)	4292795370 (0xFFDEDBEA)
YUV	221.6070, 6.1097, 0.3447
Hunter-Lab	84.9310, -0.8645, -2.0190

Details

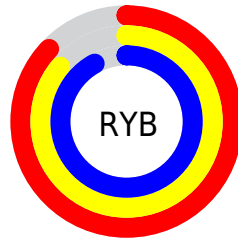
The YIQ color $221.6070, -3.0270, 5.3010$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $231.3930, 3.0270, -5.3010$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $166.4930, -2.7060, 4.9900$ is the 20% darker color. If you saturate the color by 10%, you get $202.4250, -8.0260, 13.3020$, and if you desaturate by 10%, it is $240.7890, 1.9720, -2.7000$.

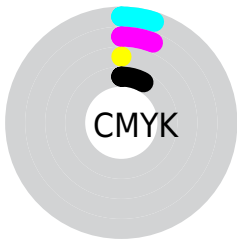
Distribution



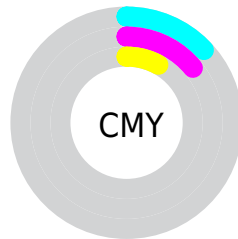
- Red (87%)
- Green (86%)
- Blue (92%)



- Red (87%)
- Yellow (86%)
- Blue (92%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (13%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.6070, -3.0270, 5.3010 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 221.6070, -3.0270, 5.3010 by changing the saturation by 10% instead.

■ 221.6070, -3.0270,
5.3010

■ 221.6070, -3.0270,
5.3010

255.0000, -0.0000,
-0.0000

■ 193.6070, -3.0270,
5.3010

■ 166.4930, -2.7060,
4.9900

■ 140.4930, -2.7060,
4.9900

■ 114.4930, -2.7060,
4.9900

■ 90.0800, -2.9810,
4.4670

■ 66.9660, -2.6600,
4.1560

■ 44.8520, -2.3390,

3.8450

■ 23.8520, -2.3390,
3.8450

■ 1.0260, -2.8890,
2.7990

■ 221.6070, -3.0270,
5.3010

■ 221.6070, -3.0270,
5.3010

■ 202.4250, -8.0260,
13.3020

■ 240.7890, 1.9720,
-2.7000

■ 182.9550,
-12.1540, 22.0380

■ 252.6060, 6.7410,
-6.5310

■ 163.7730,
-17.1530, 30.0390

■ 144.0040,
-21.8770, 38.5630

■ 124.8220,
-26.8760, 46.5640

■ 105.9390,
-31.2790, 54.7770

■ 86.1700, -36.0030,
63.3010

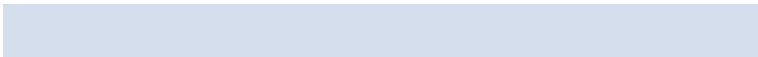
■ 66.9880, -41.0020,
71.3020

■ 47.5180, -45.1300,
80.0380

Harmonies

Analogous

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



220.9050, -9.8580, 2.4460



221.6070, -3.0270, 5.3010



222.5540, 4.4920, 6.7000

Triad

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



221.6070, -3.0270, 5.3010



221.6440, 12.7460, 0.2820



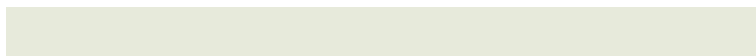
218.1510, -10.9110, -6.0070

Complementary

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



221.6070, -3.0270, 5.3010



231.3930, 3.0270, -5.3010

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.



218.8590, -4.2170, -6.1770



221.6070, -3.0270, 5.3010



220.7960, 9.2620, -2.6580

Square

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



221.6070, -3.0270, 5.3010



222.0510, 13.1580, 3.8300



219.9800, 2.7520, -5.8240



218.7640, -14.0750, -3.7310

Rectangle

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



221.6070, -3.0270, 5.3010



222.5930, 8.7560, 6.5160



219.9800, 2.7520, -5.8240



218.4070, -8.7560, -6.5160

Sweetspot

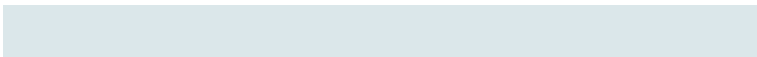
The Sweet Spot groups the original color and five complimentary colors.



221.6070, -3.0270, 5.3010



250.8690, -1.0090, 1.7670



227.7540, -8.1150, -1.6110



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.



221.6070, -3.0270, 5.3010



238.4760, -4.0360, 7.0680



223.7000, 1.1450, 6.7850



107.8520, -2.3390, 3.8450



31.3980, -36.6450, 63.9230



9.4450, -10.7780, 19.1260

Inverse Universe

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



224.8530, 5.0880, 6.9120



242.8040, 6.7840, 9.2160



229.3000, -1.1450, -6.7850



110.3150, 3.6670, 5.1310



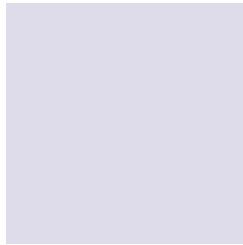
70.6490, 61.3310, 83.4670



21.0480, 18.3810, 24.8210

Previews

White Background



This preview shows how the YIQ color 221.6070, -3.0270, 5.3010 looks on a white background.

Color Contrast Check

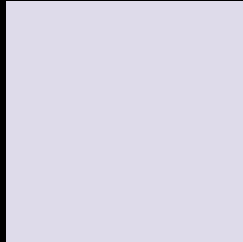
Large Text (above 18pt) WCAG AA × Fail

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 221.6070, -3.0270, 5.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

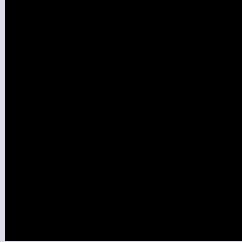
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 221.6070, -3.0270, 5.3010

Background



This preview shows how black text looks on a background with the YIQ color 221.6070, -3.0270, 5.3010.

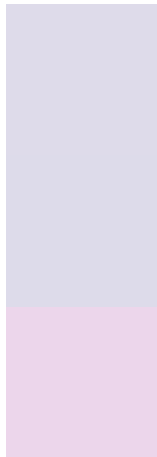


This preview shows how white text looks on a background with the YIQ color 221.6070, -3.0270,

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

221.6070, -3.0270, 5.3010

Protanopia

221.3080, -3.6230, 5.0890

Deuteranopia

222.9720, 6.3710, 11.1950



Tritanopia

221.8350, -3.6690, 5.9230

Trichromacy



Original Color

221.6070, -3.0270, 5.3010

Protanomaly

221.3080, -3.6230, 5.0890

Deuteranomaly

222.6510, 2.8410, 9.0890

Tritanomaly

221.7210, -3.3480, 5.6120

Monochromacy



Original Color

221.6070, -3.0270, 5.3010

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.8690, -1.0090, 1.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.6070, -3.0270, 5.3010 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(222, 219, 234)` looks like.

```
.text, #text, p{  
    color:rgb(222, 219, 234)  
}
```

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(222, 219, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 219, 234) }
```

Border

The CSS property to change the border of an element to YIQ 221.6070, -3.0270, 5.3010 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(222, 219, 234) }
```


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

```
.border{ border-color:rgb(222, 219, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 219, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 219, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 219, 234);  
box-shadow:4px 4px 4px 4px rgb(222, 219,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 221.6070, -3.0270, 5.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 219, 234) }
```

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

```
.background{ background-color: rgb(222,  
219, 234) }
```

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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