

Converting Colors

YIQ(223.7200, -1.6070, 12.6090)

Have a look what the booklet for
YIQ(223.7200, -1.6070, 12.6090)
contains.

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Color

**YIQ(223.7200, -1.6070,
12.6090)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D8F7
RGB	230, 216, 247
RGB Percent	90%, 85%, 97%
CMY	0.0980, 0.1529, 0.0314
CMYK	0.07, 0.13, 0.00, 0.03
HSL	267°, 66%, 91%
HSV	267°, 13%, 97%
XYZ	73.9791, 72.6489, 98.1129
YIQ	223.7200, -1.6070, 12.6090

Conversions

Conversions Part 2

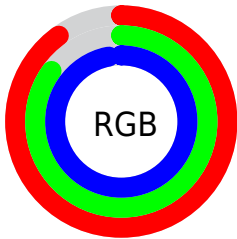
Format	Color
R _Y B	230, 216, 247
Decimal	15128823
CIE Lab	88.28, 10.45, -13.38
CIE LCh	88, 16.979, 307.983
Yxy	72.6489, 0.3023, 0.2968
Android (android.graphics.Color)	4293318903 (0xFFE6D8F7)
YUV	223.7200, 11.4770, 5.5076
Hunter-Lab	85.2343, 5.7690, -8.5845

Details

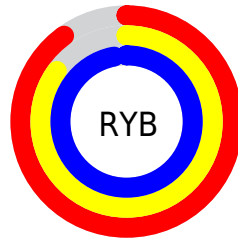
The YIQ color $223.7200, -1.6070, 12.6090$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $239.2800, 1.6070, -12.6090$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $168.3070, -1.8820, 12.0860$ is the 20% darker color. If you saturate the color by 10%, you get $204.8590, -3.0760, 22.7160$, and if you desaturate by 10%, it is $242.5810, -0.1380, 2.5020$.

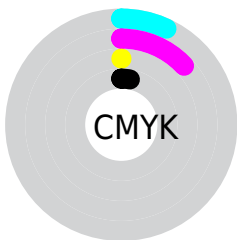
Distribution



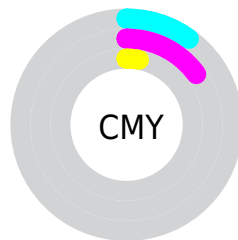
- Red (90%)
- Green (85%)
- Blue (97%)



- Red (90%)
- Yellow (85%)
- Blue (97%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)
- Black (3%)



- Cyan (10%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.7200, -1.6070, 12.6090 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 223.7200, -1.6070, 12.6090 by changing the saturation by 10% instead.

■ 223.7200, -1.6070,
12.6090

■ 223.7200, -1.6070,
12.6090

255.0000, -0.0000,
-0.0000

■ 195.6060, -1.2860,
12.2980

■ 168.3070, -1.8820,
12.0860

■ 142.1930, -1.5610,
11.7750

■ 116.6660, -1.5150,
10.9410

■ 91.6660, -1.5150,
10.9410

■ 68.1390, -1.4690,
10.1070

■ 45.7260, -1.7440,

9.5840

■ 25.1990, -1.6980,
8.7500

■ 2.3940, -6.7410,
6.5310

■ 223.7200, -1.6070,
12.6090

■ 223.7200, -1.6070,
12.6090

■ 204.8590, -3.0760,
22.7160

■ 242.5810, -0.1380,
2.5020

■ 186.8840, -4.2240,
32.5120

■ 254.0880, 2.5680,
-2.4880

■ 168.0230, -5.6930,
42.6190

■ 149.4610, -6.5660,
52.9380

■ 131.1870, -8.3100,
62.5220

■ 112.6250, -9.1830,
72.8410

■ 93.7640, -10.6520,
82.9480

■ 75.2020, -11.5250,
93.2670

■ 61.6460, -12.5350,
100.5610

Harmonies

Analogous

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



221.0600, -17.4240, 7.4080



223.7200, -1.6070, 12.6090



224.9730, 13.7980, 14.2620

Triad

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



223.7200, -1.6070, 12.6090



222.2340, 25.5840, -1.1040



215.6650, -27.2780, -12.2540

Complementary

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



223.7200, -1.6070, 12.6090



239.2800, 1.6070, -12.6090

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.



216.8420, -14.7150, -14.1630



223.7200, -1.6070, 12.6090



220.7440, 15.0400, -8.2560

Square

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



223.7200, -1.6070, 12.6090



223.7170, 28.8380, 6.0060



218.9810, 1.0110, -12.8210



216.6030, -32.7350, -6.9670

Rectangle

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



223.7200, -1.6070, 12.6090



224.9260, 21.1800, 12.6360



218.9810, 1.0110, -12.8210



215.9920, -23.8850, -13.1730

Sweetspot

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



223.7200, -1.6070, 12.6090



247.3360, -0.8260, 3.9580



229.5130, -14.6260, 0.7500



122.6950, -0.4590, 2.8130



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.



223.7200, -1.6070, 12.6090



226.4150, -2.0660, 15.4220



228.2050, 7.3330, 15.7890



113.1620, -0.2760, 5.0040



46.3200, -9.6420, 75.6540



14.7990, -2.8470, 24.0730

Inverse Universe

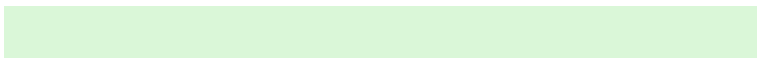
The Inverse Universe completely reimagines the original color for something new.



227.2070, 13.0190, 11.8590



230.7560, 15.9070, 14.5870



234.7950, -7.3330, -15.7890



114.3860, 4.9050, 4.7210



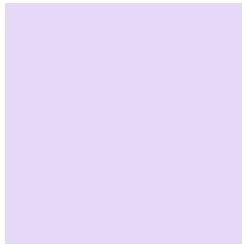
67.2420, 78.1140, 71.1540



21.2890, 24.8920, 22.4600

Previews

White Background



This preview shows how the YIQ color 223.7200, -1.6070, 12.6090 looks on a white background.

Color Contrast Check

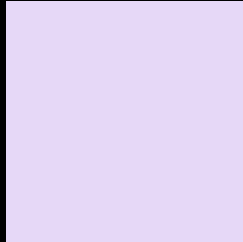
Large Text (above 18pt) WCAG AA × Fail

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 223.7200, -1.6070, 12.6090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

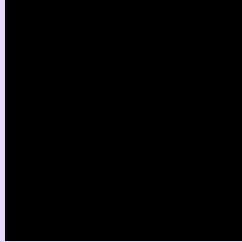
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 223.7200, -1.6070, 12.6090

Background



This preview shows how black text looks on a background with the YIQ color 223.7200, -1.6070, 12.6090.



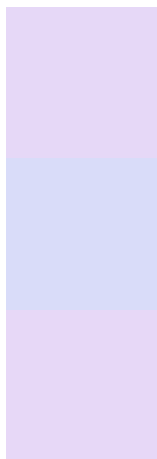
This preview shows how white text looks on a background with the YIQ color 223.7200, -1.6070,

12.6090.

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

223.7200, -1.6070, 12.6090

Protanopia

222.4090, -11.0970, 8.3830

Deuteranopia

224.0190, -1.0110, 12.8210



Tritanopia

222.9280, 0.5030, 7.4070

Trichromacy



Original Color

223.7200, -1.6070, 12.6090

Protanomaly

223.2030, -7.5210, 9.6550

Deuteranomaly

224.0190, -1.0110, 12.8210

Tritanomaly

223.0960, 0.0900, 9.3860

Monochromacy



Original Color

223.7200, -1.6070, 12.6090

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

223.7490, -0.5510, 4.4810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.7200, -1.6070, 12.6090 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(230, 216, 247)` looks like.

```
.text, #text, p{  
    color:rgb(230, 216, 247)  
}
```

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(230, 216, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 216, 247) }
```

Border

The CSS property to change the border of an element to YIQ 223.7200, -1.6070, 12.6090 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(230, 216, 247) }
```


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

```
.border{ border-color:rgb(230, 216, 247) }
```

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

Here you see how a box with a 4 pixel rgb(230, 216, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 216, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 216, 247);  
box-shadow:4px 4px 4px 4px rgb(230, 216,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 223.7200, -1.6070, 12.6090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 216, 247) }
```

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

```
.background{ background-color: rgb(230,  
216, 247) }
```

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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