

Converting Colors

YIQ(230.9720, 6.3710, 11.1950)

Have a look what the booklet for
YIQ(230.9720, 6.3710, 11.1950)
contains.

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Color

**YIQ(230.9720, 6.3710,
11.1950)**

Conversions

Conversions Part 1

Format	Color
Hex	F4DEF3
RGB	244, 222, 243
RGB Percent	96%, 87%, 95%
CMY	0.0431, 0.1294, 0.0470
CMYK	0.00, 0.09, 0.00, 0.04
HSL	303°, 50%, 91%
HSV	303°, 9%, 96%
XYZ	79.6109, 77.9450, 95.6448
YIQ	230.9720, 6.3710, 11.1950

Conversions

Conversions Part 2

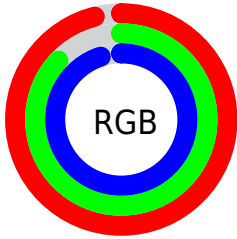
Format	Color
R_{YB}	244, 222, 243
Decimal	16047859
CIE _{Lab}	90.75, 11.17, -7.48
CIE _{LCh}	91, 13.443, 326.182
Yxy	77.9450, 0.3144, 0.3078
Android (android.graphics.Color)	4294237939 (0xFFFF4DEF3)
YUV	230.9720, 5.9298, 11.4256
Hunter-Lab	88.2864, 6.4582, -2.4311

Details

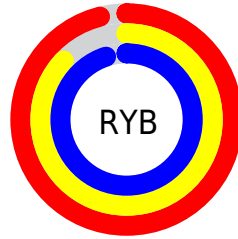
The YIQ color **230.9720, 6.3710, 11.1950** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **235.0280, -6.3710, -11.1950**, and the grayscale version is **231.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **175.5590, 6.0960, 10.6720** is the 20% darker color. If you saturate the color by 10%, you get **216.7700, 13.2920, 23.4360**, and if you desaturate by 10%, it is **245.1740, -0.5500, -1.0460**.

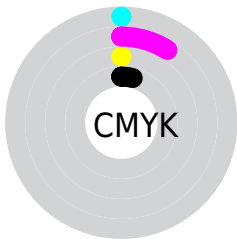
Distribution



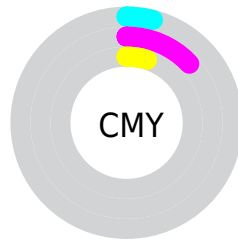
- Red (96%)
- Green (87%)
- Blue (95%)



- Red (96%)
- Yellow (87%)
- Blue (95%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.9720, 6.3710, 11.1950 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 230.9720, 6.3710, 11.1950 by changing the saturation by 10% instead.

230.9720, 6.3710,
11.1950

230.9720, 6.3710,
11.1950

255.0000, -0.0000,
-0.0000

202.9720, 6.3710,
11.1950

175.5590, 6.0960,
10.6720

148.5590, 6.0960,
10.6720

122.8470, 5.2250,
9.9370

97.7330, 5.5460,
9.6260

74.3200, 5.2710,
9.1030

51.6080, 4.4000,

8.3680

■ 30.1950, 4.1250,
7.8450

■ 8.1460, 5.8210,
10.1490

■ 230.9720, 6.3710,
11.1950

■ 230.9720, 6.3710,
11.1950

■ 216.7700, 13.2920,
23.4360

■ 245.1740, -0.5500,
-1.0460

■ 201.9810, 20.4880,
36.2000

■ 250.5710, -3.3460,
-5.4420

■ 187.7790, 27.4090,
48.4410

■ 250.6850, -3.6670,
-5.1310

■ 172.9900, 34.6050,
61.2050

■ 250.9130, -4.3090,
-4.5090

158.6740, 41.8470,
73.1350

251.0270, -4.6300,
-4.1980

144.4720, 48.7680,
85.3760

251.1410, -4.9510,
-3.8870

129.6830, 55.9640,
98.1400

251.2550, -5.2720,
-3.5760

115.4810, 62.8850,
110.3810

251.3690, -5.5930,
-3.2650

100.6920, 70.0810,
123.1450

251.4830, -5.9140,
-2.9540

Harmonies

Analogous

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



229.8610, -6.5580, 8.7220



230.9720, 6.3710, 11.1950



231.4200, 16.7330, 10.6290

Triad

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



230.9720, 6.3710, 11.1950



228.4500, 16.0480, -4.4960



224.3820, -24.8030, -7.5470

Complementary

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



230.9720, 6.3710, 11.1950



235.0280, -6.3710, -11.1950

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.



224.3950, -17.6500, -10.5300



230.9720, 6.3710, 11.1950



226.8400, 5.9620, -8.9340

Square

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



230.9720, 6.3710, 11.1950



229.9610, 22.0990, 1.4830



225.1420, -6.6920, -10.8840



225.8430, -24.4830, -2.3310

Rectangle

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



230.9720, 6.3710, 11.1950



230.6930, 20.2180, 8.0420



225.1420, -6.6920, -10.8840



224.2250, -22.9230, -8.5790

Sweetspot

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



230.9720, 6.3710, 11.1950



250.3040, 2.2000, 4.1840



224.8070, -6.4660, 7.0540



124.3640, 1.9710, 2.8270



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.



230.9720, 6.3710, 11.1950



238.4500, 8.0210, 14.3330



229.7180, 9.9020, 7.7740



114.9560, 3.3000, 6.2760



75.9060, 53.7180, 94.7900



24.0250, 17.1880, 29.9240

Inverse Universe

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



230.9720, 6.3710, 11.1950



238.4500, 8.0210, 14.3330



236.2820, -9.9020, -7.7740



114.9560, 3.3000, 6.2760



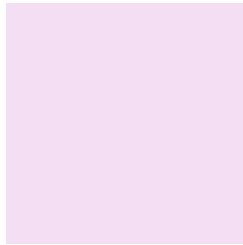
75.9060, 53.7180, 94.7900



24.0250, 17.1880, 29.9240

Previews

White Background



This preview shows how the YIQ color 230.9720, 6.3710, 11.1950 looks on a white background.

Color Contrast Check

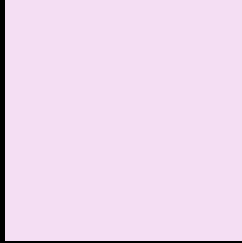
Large Text (above 18pt) WCAG AA × Fail

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 230.9720, 6.3710, 11.1950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

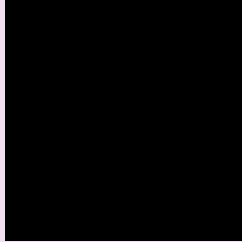
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 230.9720, 6.3710, 11.1950

Background



This preview shows how black text looks on a background with the YIQ color 230.9720, 6.3710, 11.1950.



This preview shows how white text looks on a background with the YIQ color 230.9720, 6.3710,

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

230.9720, 6.3710, 11.1950

Protanopia

229.4650, -5.5030, 6.1210

Deuteranopia

230.9720, 6.3710, 11.1950



Tritanopia

230.6300, 7.3340, 10.2620

Trichromacy



Original Color

230.9720, 6.3710, 11.1950

Protanomaly

229.9710, -1.0560, 8.1280

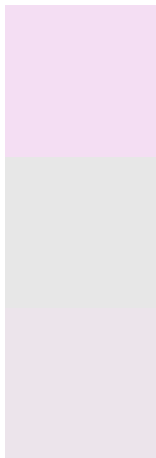
Deuteranomaly

230.9720, 6.3710, 11.1950

Tritanomaly

230.7440, 7.0130, 10.5730

Monochromacy



Original Color

230.9720, 6.3710, 11.1950

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

231.1900, 2.5210, 3.8730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.9720, 6.3710, 11.1950 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(244, 222, 243)` looks like.

```
.text, #text, p{  
    color:rgb(244, 222, 243)  
}
```

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(244, 222, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 222, 243) }
```

Border

The CSS property to change the border of an element to YIQ 230.9720, 6.3710, 11.1950 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(244, 222, 243) }
```


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

```
.border{ border-color:rgb(244, 222, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 222, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 222, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 222, 243);  
box-shadow:4px 4px 4px 4px rgb(244, 222,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 230.9720, 6.3710, 11.1950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 222, 243) }
```

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

```
.background{ background-color: rgb(244,  
222, 243) }
```

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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