

Converting Colors

YIQ(227.6040, 10.2230, 7.4630)

Have a look what the booklet for
YIQ(227.6040, 10.2230, 7.4630)
contains.

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Color

**YIQ(227.6040, 10.2230,
7.4630)**

Conversions

Conversions Part 1

Format	Color
Hex	F2DCE5
RGB	242, 220, 229
RGB Percent	95%, 86%, 90%
CMY	0.0509, 0.1373, 0.1019
CMYK	0.00, 0.09, 0.05, 0.05
HSL	335°, 46%, 91%
HSV	335°, 9%, 95%
XYZ	76.3579, 75.7190, 84.7258
YIQ	227.6040, 10.2230, 7.4630

Conversions

Conversions Part 2

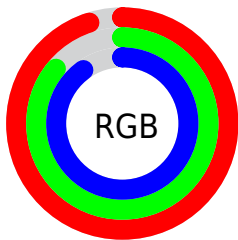
Format	Color
R _Y B	242, 220, 229
Decimal	15916261
CIE Lab	89.73, 9.08, -1.67
CIE LCh	90, 9.234, 349.608
Yxy	75.7190, 0.3225, 0.3198
Android (android.graphics.Color)	4294106341 (0xFFFF2DCE5)
YUV	227.6040, 0.6882, 12.6253
Hunter-Lab	87.0167, 4.3560, 3.1826

Details

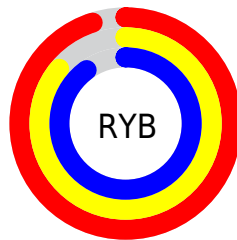
The YIQ color $227.6040, 10.2230, 7.4630$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $234.3960, -10.2230, -7.4630$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $172.3050, 9.6270, 7.2510$ is the 20% darker color. If you saturate the color by 10%, you get $211.9200, 21.3170, 15.6610$, and if you desaturate by 10%, it is $243.2880, -0.8710, -0.7350$.

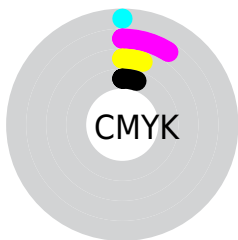
Distribution



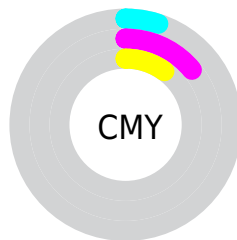
- Red (95%)
- Green (86%)
- Blue (90%)



- Red (95%)
- Yellow (86%)
- Blue (90%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (5%)



- Cyan (5%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.6040, 10.2230, 7.4630 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 227.6040, 10.2230, 7.4630 by changing the saturation by 10% instead.

227.6040, 10.2230,
7.4630

227.6040, 10.2230,
7.4630

255.0000, -0.0000,
-0.0000

199.6040, 10.2230,
7.4630

172.3050, 9.6270,
7.2510

145.8920, 9.3520,
6.7280

119.8920, 9.3520,
6.7280

95.2940, 8.1600,
6.3040

71.2940, 8.1600,
6.3040

48.8810, 7.8850,

5.7810

■ 28.1690, 7.0140,
5.0460

■ 5.7240, 9.7650,
4.7490

■ 227.6040, 10.2230,
7.4630

■ 227.6040, 10.2230,
7.4630

■ 211.9200, 21.3170,
15.6610

■ 243.2880, -0.8710,
-0.7350

■ 196.1220, 32.7320,
23.5480

■ 251.1130, -7.7480,
-2.7560

■ 179.8510, 44.1010,
32.2690

■ 164.1670, 55.1950,
40.4670

■ 148.4830, 66.2890,
48.6650

■ 132.6850, 77.7040,
56.5520

■ 117.0010, 88.7980,
64.7500

■ 100.7300,
100.1670, 73.4710

■ 84.9320, 111.5820,
81.3580

Harmonies

Analogous

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



227.2980, 2.3370, 7.2090



227.6040, 10.2230, 7.4630



227.4750, 14.9000, 5.3000

Triad

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



227.6040, 10.2230, 7.4630



224.9480, 5.7780, -5.5980



223.8500, -17.1930, -2.2890

Complementary

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



227.6040, 10.2230, 7.4630



234.3960, -10.2230, -7.4630

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.



222.9270, -16.0920, -5.7240



227.6040, 10.2230, 7.4630



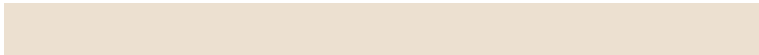
223.4030, -2.9330, -7.4210

Square

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



227.6040, 10.2230, 7.4630



225.7640, 12.2880, -2.4320



223.0970, -10.8190, -7.6750



224.6380, -13.4800, 2.0080

Rectangle

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



227.6040, 10.2230, 7.4630



227.1930, 15.6340, 3.0100



223.0970, -10.8190, -7.6750



223.2090, -16.8260, -3.4340

Sweetspot

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



227.6040, 10.2230, 7.4630



249.7340, 3.8050, 2.6290



226.3950, 0.6860, 9.5980



124.0220, 2.9340, 1.8940



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

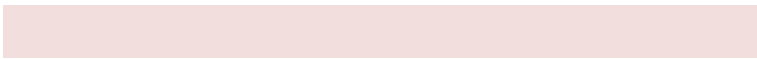
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.6040, 10.2230, 7.4630



236.6260, 13.1570, 9.3570



227.7520, 12.5620, 3.6180



112.1580, 5.5470, 4.0990



63.5660, 85.5890, 62.3330



19.3660, 25.9930, 19.0250

Inverse Universe

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



227.6040, 10.2230, 7.4630



236.6260, 13.1570, 9.3570



234.2480, -12.5620, -3.6180



112.1580, 5.5470, 4.0990



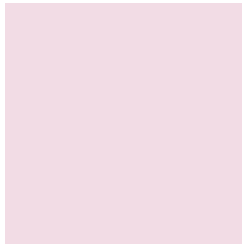
63.5660, 85.5890, 62.3330



19.3660, 25.9930, 19.0250

Previews

White Background



This preview shows how the YIQ color 227.6040, 10.2230, 7.4630 looks on a white background.

Color Contrast Check

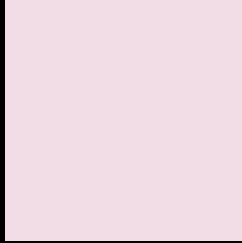
Large Text (above 18pt) WCAG AA × Fail

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 227.6040, 10.2230, 7.4630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

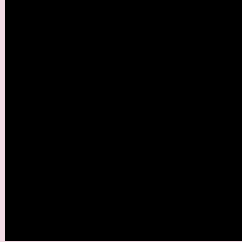
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 227.6040, 10.2230, 7.4630

Background



This preview shows how black text looks on a background with the YIQ color 227.6040, 10.2230, 7.4630.



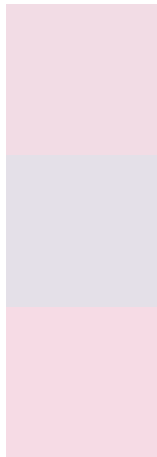
This preview shows how white text looks on a background with the YIQ color 227.6040, 10.2230,

7.4630.

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

227.6040, 10.2230, 7.4630

Protanopia

226.1080, -0.1840, 3.3360

Deuteranopia

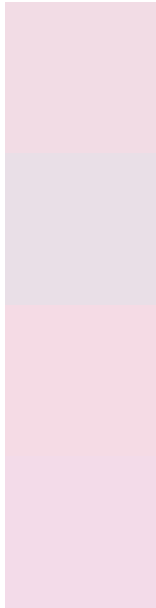
228.2130, 12.8820, 8.8340



Tritanopia

228.1140, 8.8470, 10.3750

Trichromacy



Original Color

227.6040, 10.2230, 7.4630

Protanomaly

226.9020, 3.3920, 4.6080

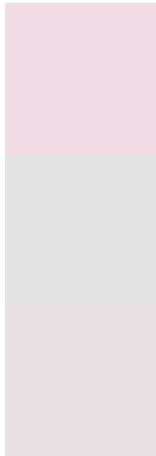
Deuteranomaly

227.9140, 12.2860, 8.6220

Tritanomaly

227.7720, 9.8100, 9.4420

Monochromacy



Original Color

227.6040, 10.2230, 7.4630

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.7340, 3.8050, 2.6290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.6040, 10.2230, 7.4630 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(242, 220, 229)` looks like.

```
.text, #text, p{  
    color:rgb(242, 220, 229)  
}
```

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(242, 220, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 220, 229) }
```

Border

The CSS property to change the border of an element to YIQ 227.6040, 10.2230, 7.4630 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(242, 220, 229) }
```


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

```
.border{ border-color:rgb(242, 220, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 220, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 220, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 220, 229);  
box-shadow:4px 4px 4px 4px rgb(242, 220,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 227.6040, 10.2230, 7.4630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 220, 229) }
```

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

```
.background{ background-color: rgb(242,  
220, 229) }
```

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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