

Converting Colors

YIQ(233.4520, 13.7070, 10.4030)

Have a look what the booklet for
YIQ(233.4520, 13.7070, 10.4030)
contains.

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Color

**YIQ(233.4520, 13.7070,
10.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	FDDFEC
RGB	253, 223, 236
RGB Percent	99%, 87%, 93%
CMY	0.0078, 0.1255, 0.0745
CMYK	0.00, 0.12, 0.07, 0.01
HSL	334°, 88%, 93%
HSV	334°, 12%, 99%
XYZ	82.0417, 79.7119, 90.4274
YIQ	233.4520, 13.7070, 10.4030

Conversions

Conversions Part 2

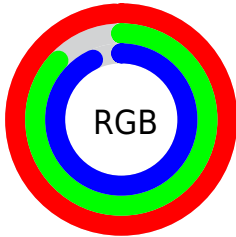
Format	Color
R _{YB}	253, 223, 236
Decimal	16637932
CIE Lab	91.56, 12.47, -2.55
CIE LCh	92, 12.725, 348.425
Yxy	79.7119, 0.3253, 0.3161
Android (android.graphics.Color)	4294828012 (0xFFFDDEEC)
YUV	233.4520, 1.2562, 17.1436
Hunter-Lab	89.2815, 7.7828, 2.4461

Details

The YIQ color $233.4520, 13.7070, 10.4030$ is a light color, and the websafe version is hex $FFCCCC$. A complement of this color would be $242.5480, -13.7070, -10.4030$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $177.7400, 12.8360, 9.6680$ is the 20% darker color. If you saturate the color by 10%, you get $217.1810, 25.0760, 19.1240$, and if you desaturate by 10%, it is $249.7230, 2.3380, 1.6820$.

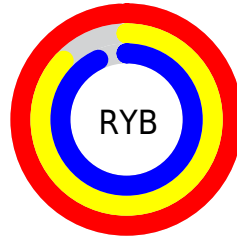
Distribution



Red (99%)

Green (87%)

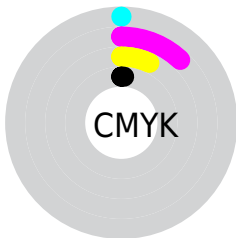
Blue (93%)



Red (99%)

Yellow (87%)

Blue (93%)

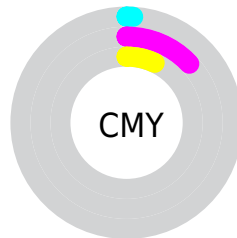


Cyan (0%)

Magenta (12%)

Yellow (7%)

Black (1%)



Cyan (1%)


Magenta (13%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 233.4520, 13.7070, 10.4030 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 233.4520, 13.7070, 10.4030 by changing the saturation by 10% instead.

 233.4520, 13.7070,
10.4030


 233.4520, 13.7070,
10.4030


255.0000, -0.0000,
-0.0000


 205.1530, 13.1110,
10.1910

 177.7400, 12.8360,
9.6680

 150.7400, 12.8360,
9.6680

 125.1420, 11.6440,
9.2440

 100.1420, 11.6440,
9.2440

 75.8430, 11.0480,
9.0320

 53.1310, 10.1770,

8.2970

■ 31.4190, 9.3060,
7.5620

■ 9.4410, 12.2400,
9.4560

■ 233.4520, 13.7070,
10.4030

■ 233.4520, 13.7070,
10.4030

■ 217.1810, 25.0760,
19.1240

■ 249.7230, 2.3380,
1.6820

■ 200.2090, 37.0410,
28.0570

■ 254.4020, -1.1920,
-0.4240

■ 183.9380, 48.4100,
36.7780

■ 167.6670, 59.7790,
45.4990

■ 150.6950, 71.7440,
54.4320

■ 134.4240, 83.1130,
63.1530

■ 118.1530, 94.4820,
71.8740

■ 101.7680,
106.1720, 80.2840

■ 88.1870, 115.4780,
87.8460

Harmonies

Analogous

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



232.5910, 3.0700, 10.4460



233.4520, 13.7070, 10.4030



232.6820, 18.7510, 7.0950

Triad

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



233.4520, 13.7070, 10.4030



229.5630, 8.3000, -7.2520



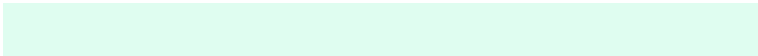
227.6150, -23.8410, -2.9530

Complementary

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



233.4520, 13.7070, 10.4030



242.5480, -13.7070, -10.4030

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.



226.9370, -22.0520, -7.8440



233.4520, 13.7070, 10.4030



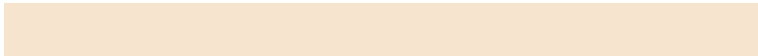
228.4090, -3.0700, -10.4460

Square

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



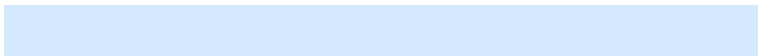
233.4520, 13.7070, 10.4030



230.9880, 17.4690, -2.7150



227.2490, -14.3030, -10.6150



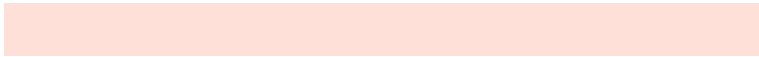
229.4140, -18.6610, 2.2910

Rectangle

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



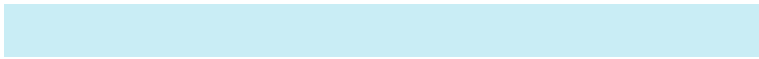
233.4520, 13.7070, 10.4030



232.3570, 21.0440, 4.0840



227.2490, -14.3030, -10.6150



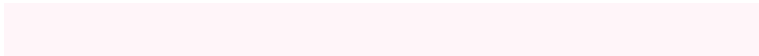
227.1480, -24.0240, -5.1440

Sweetspot

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



233.4520, 13.7070, 10.4030



248.4460, 4.6760, 3.3640



231.5030, 0.5020, 12.9340



123.4350, 3.2090, 2.4170



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

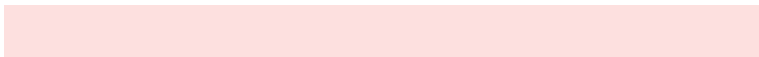
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.4520, 13.7070, 10.4030



231.5880, 16.3200, 12.6080



232.5570, 17.6050, 5.8370



119.4570, 6.1430, 4.3110



66.5710, 87.1930, 66.3050



22.3280, 29.1560, 22.2760

Inverse Universe

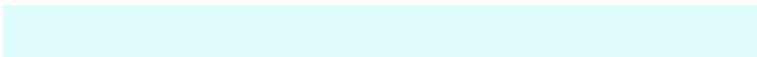
The Inverse Universe completely reimagines the original color for something new.



233.4520, 13.7070, 10.4030



231.5880, 16.3200, 12.6080



243.4430, -17.6050, -5.8370



119.4570, 6.1430, 4.3110



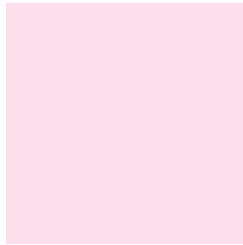
66.5710, 87.1930, 66.3050



22.3280, 29.1560, 22.2760

Previews

White Background



This preview shows how the YIQ color 233.4520, 13.7070, 10.4030 looks on a white background.

Color Contrast Check

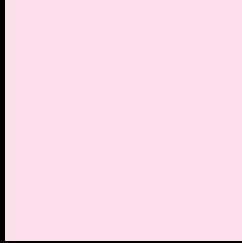
Large Text (above 18pt) WCAG AA × Fail

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 233.4520, 13.7070, 10.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

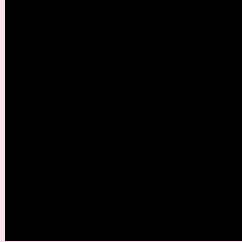
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 233.4520, 13.7070, 10.4030

Background



This preview shows how black text looks on a background with the YIQ color 233.4520, 13.7070, 10.4030.



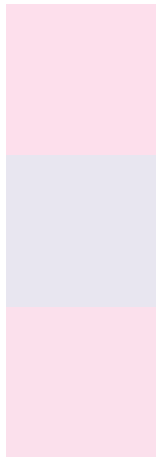
This preview shows how white text looks on a background with the YIQ color 233.4520, 13.7070,

10.4030.

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

233.4520, 13.7070, 10.4030

Protanopia

231.7380, -2.0180, 3.5340

Deuteranopia

233.4410, 12.2400, 9.4560



Tritanopia

233.6200, 13.2940, 12.3820

Trichromacy



Original Color

233.4520, 13.7070, 10.4030

Protanomaly

232.2550, 3.8960, 6.4880

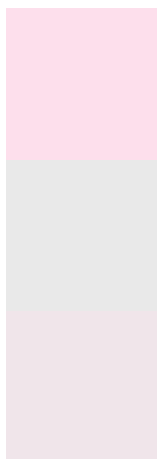
Deuteranomaly

233.7400, 12.8360, 9.6680

Tritanomaly

233.5060, 13.6150, 12.0710

Monochromacy



Original Color

233.4520, 13.7070, 10.4030

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

232.8590, 4.9510, 3.8870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 233.4520, 13.7070, 10.4030 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(253, 223, 236)` looks like.

```
.text, #text, p{  
    color:rgb(253, 223, 236)  
}
```

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(253, 223, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 223, 236) }
```

Border

The CSS property to change the border of an element to YIQ 233.4520, 13.7070, 10.4030 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(253, 223, 236) }
```


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

```
.border{ border-color:rgb(253, 223, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 223, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 223, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 223, 236);  
box-shadow:4px 4px 4px 4px rgb(253, 223,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 233.4520, 13.7070, 10.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 223, 236) }
```

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

```
.background{ background-color: rgb(253,  
223, 236) }
```

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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