

Converting Colors

YIQ(232.6140, 13.4310, 15.4070)

Have a look what the booklet for
YIQ(232.6140, 13.4310, 15.4070)
contains.

YIQ(232.6140, 13.4310, 15.4070)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(232.6140, 13.4310,
15.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBF4
RGB	255, 219, 244
RGB Percent	100%, 86%, 96%
CMY	0.0000, 0.1412, 0.0431
CMYK	0.00, 0.14, 0.04, 0.00
HSL	318°, 100%, 93%
HSV	318°, 14%, 100%
XYZ	82.8980, 78.4474, 96.3675
YIQ	232.6140, 13.4310, 15.4070

Conversions

Conversions Part 2

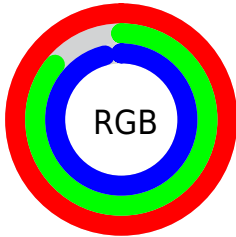
Format	Color
R _Y B	255, 219, 244
Decimal	16767988
CIE Lab	90.98, 16.58, -7.57
CIE LCh	91, 18.228, 335.467
Yxy	78.4474, 0.3217, 0.3044
Android (android.graphics.Color)	4294958068 (0xFFFFDBF4)
YUV	232.6140, 5.6133, 19.6325
Hunter-Lab	88.5705, 12.0696, -2.5100

Details

The YIQ color $232.6140, 13.4310, 15.4070$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $241.3860, -13.4310, -15.4070$, 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 $176.9020, 12.5600, 14.6720$ is the 20% darker color. If you saturate the color by 10%, you get $216.4400, 23.1490, 26.5170$, and if you desaturate by 10%, it is $248.2010, 3.9880, 4.8200$.

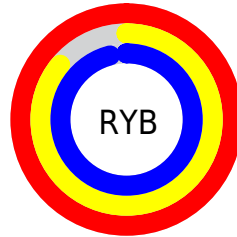
Distribution



Red (100%)

Green (86%)

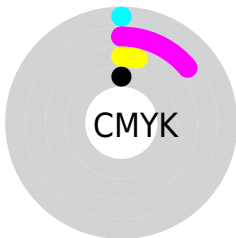
Blue (96%)



Red (100%)

Yellow (86%)

Blue (96%)

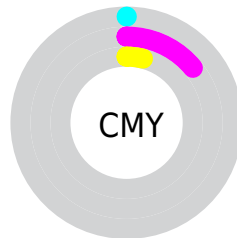


Cyan (0%)

Magenta (14%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 232.6140, 13.4310, 15.4070 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 232.6140, 13.4310, 15.4070 by changing the saturation by 10% instead.


 232.6140, 13.4310,
15.4070


 232.6140, 13.4310,
15.4070


255.0000, -0.0000,
-0.0000


 204.3150, 12.8350,
15.1950

 176.9020, 12.5600,
14.6720

 150.4890, 12.2850,
14.1490

 124.1900, 11.6890,
13.9370

 98.7770, 11.4140,
13.4140

 75.0650, 10.5430,
12.6790

 52.3530, 9.6720,

11.9440

■ 30.0540, 9.0760,
11.7320

■ 10.6520, 10.2680,
12.1560

■ 232.6140, 13.4310,
15.4070

■ 232.6140, 13.4310,
15.4070

■ 216.4400, 23.1490,
26.5170

■ 248.2010, 3.9880,
4.8200

■ 200.8530, 32.5920,
37.1040

255.0000, -0.0000,
-0.0000

■ 184.7930, 41.9890,
48.5250

■ 169.2060, 51.4320,
59.1120

■ 153.0320, 61.1500,
70.2220

■ 137.4450, 70.5930,
80.8090

■ 121.3850, 79.9900,
92.2300

■ 105.7980, 89.4330,
102.8170

■ 96.4230, 95.1630,
109.1070

Harmonies

Analogous

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



231.4210, -2.2030, 12.3970



232.6140, 13.4310, 15.4070



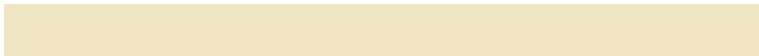
229.3880, 19.7590, 10.8550

Triad

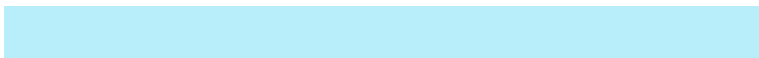
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.6140, 13.4310, 15.4070



228.4130, 17.4700, -8.2420



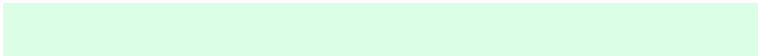
223.1080, -35.7150, -8.0270

Complementary

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



232.6140, 13.4310, 15.4070



241.3860, -13.4310, -15.4070

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.



223.2410, -29.0200, -13.7240



232.6140, 13.4310, 15.4070



225.9380, 2.5700, -13.5420

Square

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



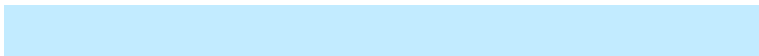
232.6140, 13.4310, 15.4070



229.7180, 27.0970, -0.9910



224.2010, -14.3480, -15.3080



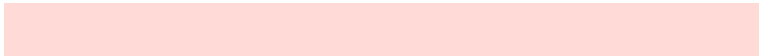
225.0210, -30.8560, -2.4720

Rectangle

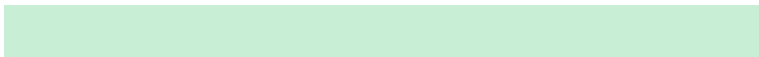
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.6140, 13.4310, 15.4070



228.7210, 23.0150, 6.9110



224.2010, -14.3480, -15.3080



223.0110, -34.0640, -10.4160

Sweetspot

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



232.6140, 13.4310, 15.4070



248.7880, 3.7130, 4.2970



226.3930, -5.0000, 13.5280



123.6630, 2.5670, 3.0390



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.



232.6140, 13.4310, 15.4070



228.2770, 15.9980, 18.4460



230.5620, 19.2090, 9.8090



119.9130, 4.8590, 5.5550



72.2710, 71.1430, 81.8550



24.1520, 24.0200, 27.2520

Inverse Universe

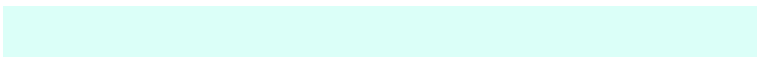
The Inverse Universe completely reimagines the original color for something new.



232.6140, 13.4310, 15.4070



228.2770, 15.9980, 18.4460



243.4380, -19.2090, -9.8090



119.9130, 4.8590, 5.5550



72.2710, 71.1430, 81.8550



24.1520, 24.0200, 27.2520

Previews

White Background



This preview shows how the YIQ color 232.6140, 13.4310, 15.4070 looks on a white background.

Color Contrast Check

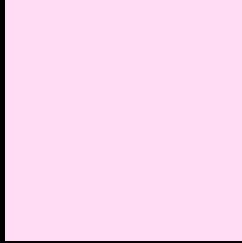
Large Text (above 18pt) WCAG AA × Fail

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 232.6140, 13.4310, 15.4070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

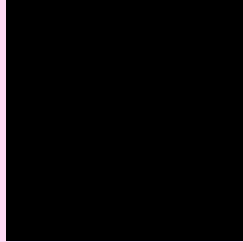
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 232.6140, 13.4310, 15.4070

Background



This preview shows how black text looks on a background with the YIQ color 232.6140, 13.4310, 15.4070.



This preview shows how white text looks on a background with the YIQ color 232.6140, 13.4310,

15.4070.

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

232.6140, 13.4310, 15.4070

Protanopia

230.3940, -6.7410, 6.5310

Deuteranopia

231.8580, 6.6920, 10.8840



Tritanopia

232.1040, 14.8070, 12.4950

Trichromacy



Original Color

232.6140, 13.4310, 15.4070

Protanomaly

231.3950, 0.6860, 9.5980

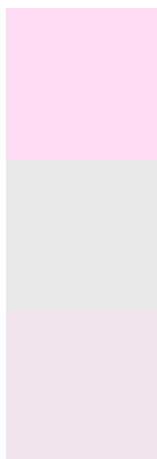
Deuteranomaly

232.4670, 9.3510, 12.2550

Tritanomaly

232.4460, 13.8440, 13.4280

Monochromacy



Original Color

232.6140, 13.4310, 15.4070

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

232.9130, 4.8590, 5.5550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.6140, 13.4310, 15.4070 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(255, 219, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 244)  
}
```

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(255, 219, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 244) }
```

Border

The CSS property to change the border of an element to YIQ 232.6140, 13.4310, 15.4070 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(255, 219, 244) }
```


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

```
.border{ border-color:rgb(255, 219, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 232.6140, 13.4310, 15.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 244) }
```

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

```
.background{ background-color: rgb(255,  
219, 244) }
```

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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