

Converting Colors

YIQ(230.3640, 11.1390, 12.8910)

Have a look what the booklet for
YIQ(230.3640, 11.1390, 12.8910)
contains.

YIQ(230.3640, 11.1390, 12.8910)	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(230.3640, 11.1390,
12.8910)**

Conversions

Conversions Part 1

Format	Color
Hex	F9DBF0
RGB	249, 219, 240
RGB Percent	98%, 86%, 94%
CMY	0.0234, 0.1412, 0.0588
CMYK	0.00, 0.12, 0.04, 0.02
HSL	318°, 72%, 92%
HSV	318°, 12%, 98%
XYZ	80.1321, 77.0919, 93.1004
YIQ	230.3640, 11.1390, 12.8910

Conversions

Conversions Part 2

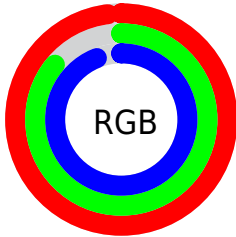
Format	Color
R _Y B	249, 219, 240
Decimal	16374768
CIE Lab	90.36, 13.88, -6.44
CIE LCh	90, 15.302, 335.103
Yxy	77.0919, 0.3201, 0.3080
Android (android.graphics.Color)	4294564848 (0xFFFF9DBF0)
YUV	230.3640, 4.7505, 16.3438
Hunter-Lab	87.8020, 9.2538, -1.4065

Details

The YIQ color $230.3640, 11.1390, 12.8910$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $237.6360, -11.1390, -12.8910$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.6520, 10.2680, 12.1560$ is the 20% darker color. If you saturate the color by 10%, you get $214.8910, 20.2610, 23.7890$, and if you desaturate by 10%, it is $245.8370, 2.0170, 1.9930$.

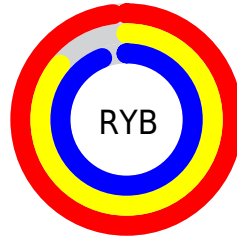
Distribution



Red (98%)

Green (86%)

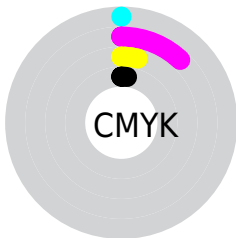
Blue (94%)



Red (98%)

Yellow (86%)

Blue (94%)

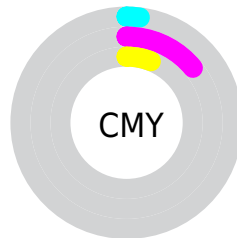


Cyan (0%)

Magenta (12%)

Yellow (4%)

Black (2%)



Cyan (2%)


Magenta (14%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 230.3640, 11.1390, 12.8910 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 230.3640, 11.1390, 12.8910 by changing the saturation by 10% instead.

 230.3640, 11.1390,
12.8910

 230.3640, 11.1390,
12.8910


255.0000, -0.0000,
-0.0000


 202.0650, 10.5430,
12.6790

 174.6520, 10.2680,
12.1560

 148.2390, 9.9930,
11.6330

 122.2390, 9.9930,
11.6330

 97.5270, 9.1220,
10.8980

 73.2280, 8.5260,
10.6860

 50.8150, 8.2510,

10.1630

■ 29.1030, 7.3800,
9.4280

■ 9.0000, 9.1680,
10.0640

■ 230.3640, 11.1390,
12.8910

■ 230.3640, 11.1390,
12.8910

■ 214.8910, 20.2610,
23.7890

■ 245.8370, 2.0170,
1.9930

■ 199.3040, 29.7040,
34.3760

■ 253.2060, -3.5760,
-1.2720

■ 183.8310, 38.8260,
45.2740

■ 168.2440, 48.2690,
55.8610

■ 152.7710, 57.3910,
66.7590

■ 137.7710, 66.5590,
76.8230

■ 122.2980, 75.6810,
87.7210

■ 106.7110, 85.1240,
98.3080

■ 94.2870, 92.5500,
106.9020

Harmonies

Analogous

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



229.1820, -3.0280, 10.8280



230.3640, 11.1390, 12.8910



229.2740, 20.0800, 10.5440

Triad

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



230.3640, 11.1390, 12.8910



226.6840, 15.2690, -6.8990



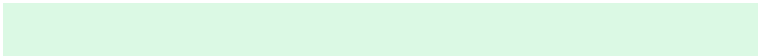
222.8700, -29.1130, -6.5290

Complementary

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



230.3640, 11.1390, 12.8910



237.6360, -11.1390, -12.8910

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.



222.3450, -23.3810, -11.2930



230.3640, 11.1390, 12.8910



225.1060, 2.1570, -11.5630

Square

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



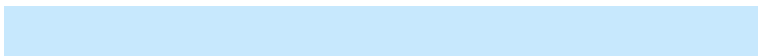
230.3640, 11.1390, 12.8910



228.2770, 24.0250, -0.3830



223.4510, -12.0560, -12.7920



224.5270, -26.4090, -0.4650

Rectangle

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



230.3640, 11.1390, 12.8910



228.8350, 22.6940, 7.2220



223.4510, -12.0560, -12.7920



222.5880, -28.3790, -8.8190

Sweetspot

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



230.3640, 11.1390, 12.8910



248.7880, 3.7130, 4.2970



225.1110, -4.2660, 11.2380



123.6630, 2.5670, 3.0390



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

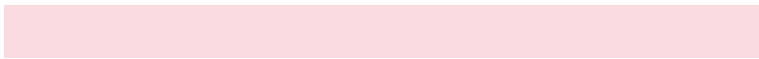
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.3640, 11.1390, 12.8910



232.6140, 13.4310, 15.4070



228.6540, 15.9540, 8.2260



116.9130, 4.8590, 5.5550



71.5590, 70.2720, 81.1200



23.1410, 22.5530, 26.3050

Inverse Universe

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



230.3640, 11.1390, 12.8910



232.6140, 13.4310, 15.4070



239.3460, -15.9540, -8.2260



116.9130, 4.8590, 5.5550



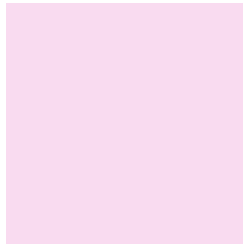
71.5590, 70.2720, 81.1200



23.1410, 22.5530, 26.3050

Previews

White Background



This preview shows how the YIQ color 230.3640, 11.1390, 12.8910 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 230.3640, 11.1390, 12.8910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

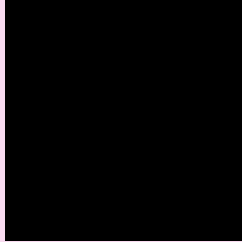
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 230.3640, 11.1390, 12.8910

Background



This preview shows how black text looks on a background with the YIQ color 230.3640, 11.1390, 12.8910.



This preview shows how white text looks on a background with the YIQ color 230.3640, 11.1390,

12.8910.

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

230.3640, 11.1390, 12.8910

Protanopia

228.3510, -5.1820, 5.8100

Deuteranopia

230.0430, 7.6090, 10.7850



Tritanopia

230.6090, 11.8270, 11.4350

Trichromacy



Original Color

230.3640, 11.1390, 12.8910

Protanomaly

228.8680, 0.7320, 8.7640

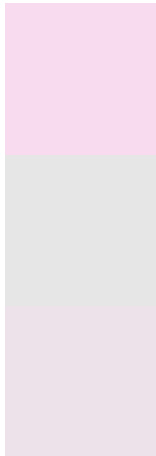
Deuteranomaly

230.0540, 9.0760, 11.7320

Tritanomaly

230.7230, 11.5060, 11.7460

Monochromacy



Original Color

230.3640, 11.1390, 12.8910

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.2010, 3.9880, 4.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.3640, 11.1390, 12.8910 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(249, 219, 240)` looks like.

```
.text, #text, p{  
    color:rgb(249, 219, 240)  
}
```

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(249, 219, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 219, 240) }
```

Border

The CSS property to change the border of an element to YIQ 230.3640, 11.1390, 12.8910 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(249, 219, 240) }
```


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

```
.border{ border-color:rgb(249, 219, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 219, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 219, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 219, 240);  
box-shadow:4px 4px 4px 4px rgb(249, 219,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 230.3640, 11.1390, 12.8910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 219, 240) }
```

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

```
.background{ background-color: rgb(249,  
219, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor