

Converting Colors

YIQ(213.7330, 23.8820, 29.7540)

Have a look what the booklet for
YIQ(213.7330, 23.8820, 29.7540)
contains.

YIQ(213.7330, 23.8820, 29.7540)	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(213.7330, 23.8820,
29.7540)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCEE
RGB	255, 188, 238
RGB Percent	100%, 74%, 93%
CMY	0.0000, 0.2628, 0.0666
CMYK	0.00, 0.26, 0.07, 0.00
HSL	315°, 100%, 87%
HSV	315°, 26%, 100%
XYZ	74.6519, 63.3884, 89.2005
YIQ	213.7330, 23.8820, 29.7540

Conversions

Conversions Part 2

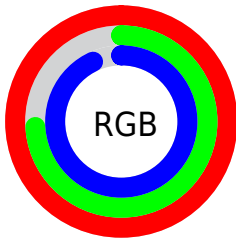
Format	Color
R _Y B	255, 188, 238
Decimal	16760046
CIE Lab	83.65, 31.81, -15.34
CIE LCh	84, 35.316, 334.263
Yxy	63.3884, 0.3285, 0.2789
Android (android.graphics.Color)	4294950126 (0xFFFFBCEE)
YUV	213.7330, 11.9636, 36.1912
Hunter-Lab	79.6168, 28.0395, -10.6952

Details

The YIQ color $213.7330, 23.8820, 29.7540$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $229.2670, -23.8820, -29.7540$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.1300, 2.7500, 5.2300$, and $158.6080, 22.7360, 28.4960$ is the 20% darker color. If you saturate the color by 10%, you get $197.7870, 32.9580, 41.4860$, and if you desaturate by 10%, it is $229.0920, 15.0810, 18.5450$.

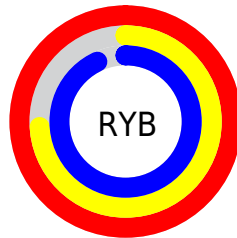
Distribution



Red (100%)

Green (74%)

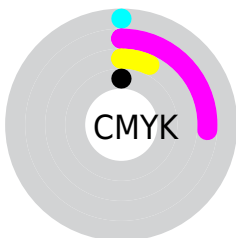
Blue (93%)



Red (100%)

Yellow (74%)

Blue (93%)

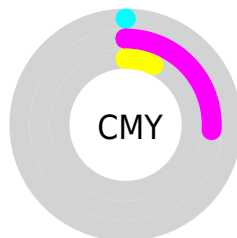


Cyan (0%)

Magenta (26%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 213.7330, 23.8820, 29.7540 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 213.7330, 23.8820, 29.7540 by changing the saturation by 10% instead.


 213.7330, 23.8820,
29.7540

 213.7330, 23.8820,
29.7540


255.0000, -0.0000,
-0.0000


 186.0210, 23.0110,
29.0190


 249.1300, 2.7500,
5.2300

 158.6080, 22.7360,
28.4960

 131.8960, 21.8650,
27.7610

 106.1840, 20.9940,
27.0260

 81.1730, 19.5270,
26.0790

 56.8740, 18.9310,
25.8670

 32.1020, 18.2890,

26.4890

■ 16.8470, 14.3930,
20.0010

■ 3.3470, 0.6410,
4.9050

■ 213.7330, 23.8820,
29.7540

■ 213.7330, 23.8820,
29.7540

■ 197.7870, 32.9580,
41.4860

■ 229.0920, 15.0810,
18.5450

■ 182.3140, 42.0800,
52.3840

■ 245.1520, 5.6840,
7.1240

■ 166.3680, 51.1560,
64.1160

255.0000, -0.0000,
-0.0000

■ 150.8950, 60.2780,
75.0140

■ 134.9490, 69.3540,
86.7460

■ 119.4760, 78.4760,
97.6440

■ 103.5300, 87.5520,
109.3760

■ 97.9050, 90.9900,
113.1500

Harmonies

Analogous

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



210.7770, -5.7810, 22.1790



213.7330, 23.8820, 29.7540



207.6230, 35.5750, 21.5830

Triad

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



213.7330, 23.8820, 29.7540



206.1570, 32.5100, -16.4980



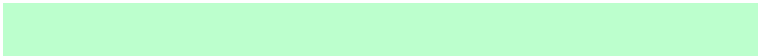
189.9050, -80.9200, -20.2800

Complementary

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



213.7330, 23.8820, 29.7540



229.2670, -23.8820, -29.7540

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.



192.1010, -61.3410, -28.1970



213.7330, 23.8820, 29.7540



202.5170, 4.7730, -25.9390

Square

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



213.7330, 23.8820, 29.7540



208.8700, 49.9760, -2.6320



197.3420, -28.4670, -29.2590



195.5850, -67.8550, -9.2550

Rectangle

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



213.7330, 23.8820, 29.7540



205.7020, 42.3620, 14.2180



197.3420, -28.4670, -29.2590



189.9500, -76.7930, -23.4890

Sweetspot

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



213.7330, 23.8820, 29.7540



242.6900, 7.1050, 8.9050



200.7210, -11.3750, 24.4410



119.9130, 4.8590, 5.5550



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.



213.7330, 23.8820, 29.7540



204.4720, 29.2910, 36.3550



209.9710, 34.4750, 19.4910



119.9130, 4.8590, 5.5550



73.4110, 67.9330, 84.9650



24.6080, 22.7360, 28.4960

Inverse Universe

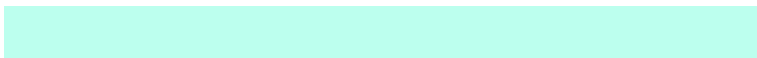
The Inverse Universe completely reimagines the original color for something new.



213.7330, 23.8820, 29.7540



204.4720, 29.2910, 36.3550



233.0290, -34.4750, -19.4910



119.9130, 4.8590, 5.5550



73.4110, 67.9330, 84.9650



24.6080, 22.7360, 28.4960

Previews

White Background



This preview shows how the YIQ color 213.7330, 23.8820, 29.7540 looks on a white background.

Color Contrast Check

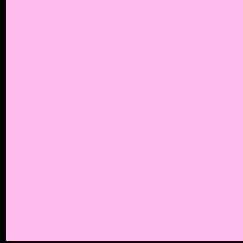
Large Text (above 18pt) WCAG AA × Fail

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 213.7330, 23.8820, 29.7540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

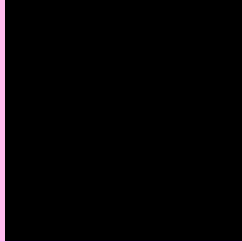
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.7330, 23.8820, 29.7540

Background



This preview shows how black text looks on a background with the YIQ color 213.7330, 23.8820, 29.7540.



This preview shows how white text looks on a background with the YIQ color 213.7330, 23.8820,

29.7540.

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

213.7330, 23.8820, 29.7540

Protanopia

209.9230, -18.2960, 12.2000

Deuteranopia

210.8340, -1.9280, 12.9200



Tritanopia

212.0520, 29.7530, 16.9610

Trichromacy



Original Color

213.7330, 23.8820, 29.7540



Protanomaly

211.2240, -2.8460, 18.5460



Deuteranomaly

212.1990, 7.4700, 18.8140



Tritanomaly

212.4310, 27.3680, 21.6400

Monochromacy



Original Color

213.7330, 23.8820, 29.7540



Achromatopsia

214.0000, -0.0000, 0.0000



Achromatomaly

214.2280, 8.5260, 10.6860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.7330, 23.8820, 29.7540 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, 188, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 238)  
}
```

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, 188, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 238) }
```

Border

The CSS property to change the border of an element to YIQ 213.7330, 23.8820, 29.7540 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, 188, 238) }
```


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

```
.border{ border-color:rgb(255, 188, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 213.7330, 23.8820, 29.7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 238) }
```

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

```
.background{ background-color: rgb(255,  
188, 238) }
```

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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