

Converting Colors

YIQ(236.1190, 10.4510, 14.3470)

Have a look what the booklet for
YIQ(236.1190, 10.4510, 14.3470)
contains.

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Color

**YIQ(236.1190, 10.4510,
14.3470)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0F9
RGB	255, 224, 249
RGB Percent	100%, 88%, 98%
CMY	0.0000, 0.1216, 0.0235
CMYK	0.00, 0.12, 0.02, 0.00
HSL	312°, 100%, 94%
HSV	312°, 12%, 100%
XYZ	84.9919, 81.4042, 100.8602
YIQ	236.1190, 10.4510, 14.3470

Conversions

Conversions Part 2

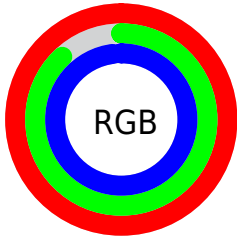
Format	Color
R _Y B	255, 224, 249
Decimal	16769273
CIE Lab	92.31, 14.85, -8.22
CIE LCh	92, 16.971, 331.036
Yxy	81.4042, 0.3180, 0.3046
Android (android.graphics.Color)	4294959353 (0xFFFFE0F9)
YUV	236.1190, 6.3503, 16.5586
Hunter-Lab	90.2243, 10.2557, -3.1222

Details

The YIQ color $236.1190, 10.4510, 14.3470$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $242.8810, -10.4510, -14.3470$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.4070, 9.5800, 13.6120$ is the 20% darker color. If you saturate the color by 10%, you get $220.2870, 19.2060, 26.3900$, and if you desaturate by 10%, it is $251.3640, 1.9710, 2.8270$.

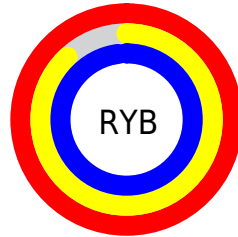
Distribution



Red (100%)

Green (88%)

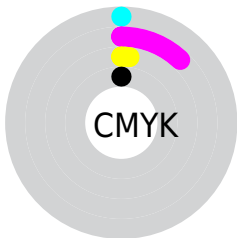
Blue (98%)



Red (100%)

Yellow (88%)

Blue (98%)

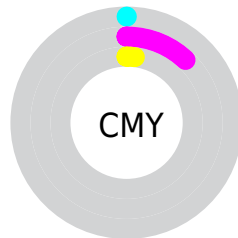


Cyan (0%)

Magenta (12%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 236.1190, 10.4510, 14.3470 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 236.1190, 10.4510, 14.3470 by changing the saturation by 10% instead.

 236.1190, 10.4510,
14.3470

 236.1190, 10.4510,
14.3470

255.0000, -0.0000,
-0.0000

 207.7060, 10.1760,
13.8240

 180.4070, 9.5800,
13.6120

 153.2930, 9.9010,
13.3010

 127.5810, 9.0300,
12.5660

 102.2820, 8.4340,
12.3540

 77.8690, 8.1590,
11.8310

 55.4560, 7.8840,

11.3080

■ 33.1570, 7.2880,
11.0960

■ 10.9940, 9.3050,
13.0890

■ 236.1190, 10.4510,
14.3470

■ 236.1190, 10.4510,
14.3470

■ 220.2870, 19.2060,
26.3900

■ 251.3640, 1.9710,
2.8270

■ 205.0420, 27.6860,
37.9100

255.0000, -0.0000,
-0.0000

■ 189.2100, 36.4410,
49.9530

■ 173.9650, 44.9210,
61.4730

■ 158.1330, 53.6760,
73.5160

■ 142.8880, 62.1560,
85.0360

■ 127.1700, 70.5900,
97.3900

■ 111.9250, 79.0700,
108.9100

■ 99.7290, 85.8540,
118.1260

Harmonies

Analogous

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



234.3560, -3.5780, 9.7820



236.1190, 10.4510, 14.3470



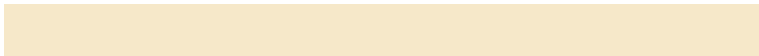
233.1210, 16.1370, 10.4170

Triad

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



236.1190, 10.4510, 14.3470



232.6520, 18.2950, -6.6730



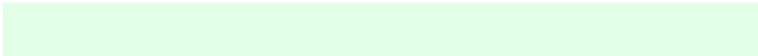
227.5490, -32.6430, -8.6350

Complementary

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



236.1190, 10.4510, 14.3470



242.8810, -10.4510, -14.3470

Split Complementary

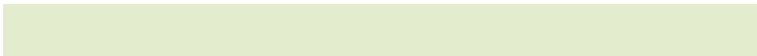
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.5080, -25.3980, -13.2860



236.1190, 10.4510, 14.3470



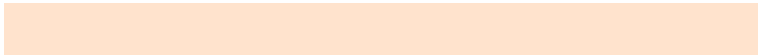
230.3620, 4.3120, -12.0720

Square

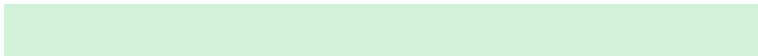
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



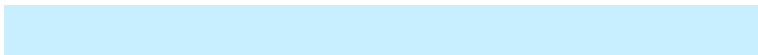
236.1190, 10.4510, 14.3470



232.8640, 23.7500, -0.9060



228.6960, -11.3680, -14.2480



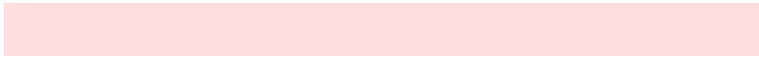
228.8640, -28.9760, -3.5040

Rectangle

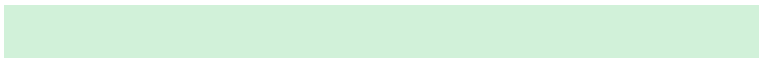
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.1190, 10.4510, 14.3470



231.8670, 19.6680, 6.9960



228.6960, -11.3680, -14.2480



226.9790, -31.0380, -10.1900

Sweetspot

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



236.1190, 10.4510, 14.3470



248.9020, 3.3920, 4.6080



229.3280, -6.3750, 10.9130



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.



236.1190, 10.4510, 14.3470



231.8960, 12.6970, 17.6970



234.4090, 15.2660, 9.6820



120.0270, 4.5380, 5.8660



74.6650, 64.4020, 88.3860



24.9500, 21.7730, 29.4290

Inverse Universe

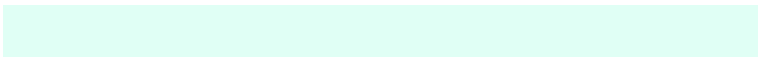
The Inverse Universe completely reimagines the original color for something new.



236.1190, 10.4510, 14.3470



231.8960, 12.6970, 17.6970



244.5910, -15.2660, -9.6820



120.0270, 4.5380, 5.8660



74.6650, 64.4020, 88.3860



24.9500, 21.7730, 29.4290

Previews

White Background



This preview shows how the YIQ color 236.1190, 10.4510, 14.3470 looks on a white background.

Color Contrast Check

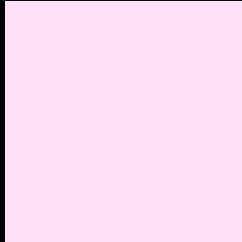
Large Text (above 18pt) WCAG AA × Fail

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 236.1190, 10.4510, 14.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

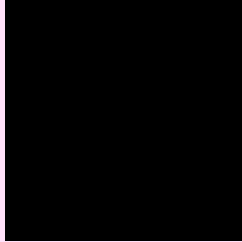
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 236.1190, 10.4510, 14.3470

Background



This preview shows how black text looks on a background with the YIQ color 236.1190, 10.4510, 14.3470.



This preview shows how white text looks on a background with the YIQ color 236.1190, 10.4510,

14.3470.

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

236.1190, 10.4510, 14.3470

Protanopia

234.2090, -7.6580, 6.6300

Deuteranopia

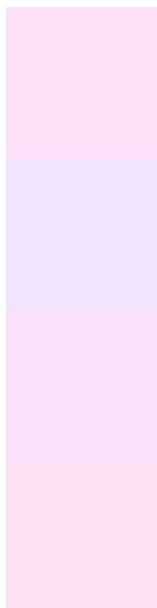
235.4990, 6.3250, 12.0290



Tritanopia

235.7230, 11.5060, 11.7460

Trichromacy



Original Color

236.1190, 10.4510, 14.3470

Protanomaly

234.9110, -0.8270, 9.4850

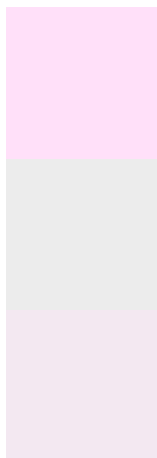
Deuteranomaly

235.5100, 7.7920, 12.9760

Tritanomaly

235.9510, 10.8640, 12.3680

Monochromacy



Original Color

236.1190, 10.4510, 14.3470

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

236.3150, 3.6670, 5.1310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.1190, 10.4510, 14.3470 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, 224, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 249)  
}
```

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, 224, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 249) }
```

Border

The CSS property to change the border of an element to YIQ 236.1190, 10.4510, 14.3470 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, 224, 249) }
```


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

```
.border{ border-color:rgb(255, 224, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 236.1190, 10.4510, 14.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 249) }
```

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

```
.background{ background-color: rgb(255,  
224, 249) }
```

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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