

Converting Colors

YIQ(227.4110, 12.9250, 24.5810)

Have a look what the booklet for
YIQ(227.4110, 12.9250, 24.5810)
contains.

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Color

**YIQ(227.4110, 12.9250,
24.5810)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0FF
RGB	255, 208, 255
RGB Percent	100%, 82%, 100%
CMY	0.0000, 0.1844, 0.0000
CMYK	0.00, 0.18, 0.00, 0.00
HSL	300°, 100%, 91%
HSV	300°, 18%, 100%
XYZ	81.8411, 73.5822, 104.4970
YIQ	227.4110, 12.9250, 24.5810

Conversions

Conversions Part 2

Format	Color
RYB	255, 208, 255
Decimal	16765183
CIELab	88.72, 24.28, -16.72
CIElCh	89, 29.479, 325.451
Yxy	73.5822, 0.3149, 0.2831
Android (android.graphics.Color)	4294955263 (0xFFFFD0FF)
YUV	227.4110, 13.6014, 24.1956
Hunter-Lab	85.7801, 20.1883, -12.1809

Details

The YIQ color $227.4110, 12.9250, 24.5810$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $235.5890, -12.9250, -24.5810$, and the grayscale version is $227.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $171.5850, 12.3750, 23.5350$ is the 20% darker color. If you saturate the color by 10%, you get $212.1490, 20.0750, 38.1790$, and if you desaturate by 10%, it is $242.0860, 6.0500, 11.5060$.

Distribution



- Red (100%)
- Green (82%)
- Blue (100%)



- Red (100%)
- Yellow (82%)
- Blue (100%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 227.4110, 12.9250, 24.5810 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 227.4110, 12.9250, 24.5810 by changing the saturation by 10% instead.


 227.4110, 12.9250,
24.5810


 227.4110, 12.9250,
24.5810


255.0000, -0.0000,
-0.0000


 198.9980, 12.6500,
24.0580

 171.5850, 12.3750,
23.5350

 144.8730, 11.5040,
22.8000

 119.3460, 11.5500,
21.9660

 93.7480, 10.3580,
21.5420

 69.9220, 9.8080,
20.4960

 47.0960, 9.2580,

19.4500

■ 24.2100, 8.9370,
19.7610

■ 10.5530, 6.2330,
13.6970

■ 227.4110, 12.9250,
24.5810

■ 227.4110, 12.9250,
24.5810

■ 212.1490, 20.0750,
38.1790

■ 242.0860, 6.0500,
11.5060

■ 197.4740, 26.9500,
51.2540

255.0000, -0.0000,
-0.0000

■ 182.2120, 34.1000,
64.8520

■ 167.5370, 40.9750,
77.9270

■ 152.2750, 48.1250,
91.5250

■ 137.6000, 55.0000,
104.6000

■ 122.3380, 62.1500,
118.1980

■ 107.6630, 69.0250,
131.2730

■ 105.3150, 70.1250,
133.3650

Harmonies

Analogous

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



222.8270, -9.2180, 12.8780



227.4110, 12.9250, 24.5810



221.3980, 22.9670, 18.7990

Triad

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



227.4110, 12.9250, 24.5810



221.7430, 33.9760, -10.0240



209.9090, -60.3800, -18.0760

Complementary

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



227.4110, 12.9250, 24.5810



235.5890, -12.9250, -24.5810

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.



211.3870, -41.5350, -23.7030



227.4110, 12.9250, 24.5810



218.6260, 12.0160, -19.5360

Square

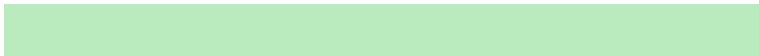
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.4110, 12.9250, 24.5810



219.8070, 37.0920, -0.4120



215.2190, -14.7590, -24.3830



211.5770, -56.2090, -11.0650

Rectangle

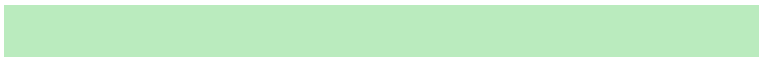
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.4110, 12.9250, 24.5810



219.2320, 29.0660, 12.8900



215.2190, -14.7590, -24.3830



210.3670, -55.9780, -20.7620

Sweetspot

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



227.4110, 12.9250, 24.5810



246.1950, 4.1250, 7.8450



213.3580, -15.0870, 14.6170



122.7170, 2.4750, 4.7070



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.



227.4110, 12.9250, 24.5810



222.1280, 15.4000, 29.2880



224.6750, 20.6290, 17.1170



120.3690, 3.5750, 6.7990



78.8830, 52.5250, 99.8930



26.4320, 17.6000, 33.4720

Inverse Universe

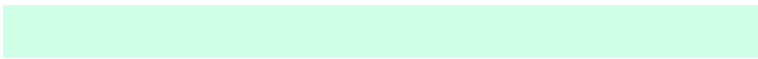
The Inverse Universe completely reimagines the original color for something new.



227.4110, 12.9250, 24.5810



222.1280, 15.4000, 29.2880



238.2110, -20.3080, -17.4280



120.3690, 3.5750, 6.7990



78.8830, 52.5250, 99.8930



26.4320, 17.6000, 33.4720

Previews

White Background



This preview shows how the YIQ color 227.4110, 12.9250, 24.5810 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 227.4110, 12.9250, 24.5810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

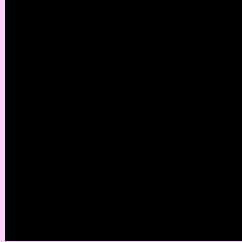
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 227.4110, 12.9250, 24.5810

Background



This preview shows how black text looks on a background with the YIQ color 227.4110, 12.9250, 24.5810.



This preview shows how white text looks on a background with the YIQ color 227.4110, 12.9250,

24.5810.

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

227.4110, 12.9250, 24.5810

Protanopia

223.9680, -14.1690, 8.9910

Deuteranopia

224.9910, -3.8080, 13.9520



Tritanopia

226.1860, 17.5120, 13.0320

Trichromacy



Original Color

227.4110, 12.9250, 24.5810



Protanomaly

225.2190, -4.4500, 14.5740



Deuteranomaly

226.0350, 2.0600, 17.7400



Tritanomaly

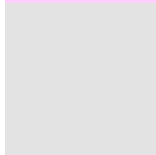
226.3370, 15.7690, 17.0890

Monochromacy



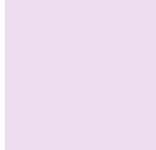
Original Color

227.4110, 12.9250, 24.5810



Achromatopsia

227.0000, -0.0000, -0.0000



Achromatomaly

227.0210, 4.6750, 8.8910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.4110, 12.9250, 24.5810 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, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 255)  
}
```

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, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 255) }
```

Border

The CSS property to change the border of an element to YIQ 227.4110, 12.9250, 24.5810 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, 208, 255) }
```


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

```
.border{ border-color:rgb(255, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 227.4110, 12.9250, 24.5810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 255) }
```

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

```
.background{ background-color: rgb(255,  
208, 255) }
```

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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