

Converting Colors

YIQ(241.1630, 7.1510, 8.0710)

Have a look what the booklet for
YIQ(241.1630, 7.1510, 8.0710)
contains.

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Color

**YIQ(241.1630, 7.1510,
8.0710)**

Conversions

Conversions Part 1

Format	Color
Hex	FDEAF7
RGB	253, 234, 247
RGB Percent	99%, 92%, 97%
CMY	0.0078, 0.0824, 0.0313
CMYK	0.00, 0.08, 0.02, 0.01
HSL	319°, 83%, 95%
HSV	319°, 8%, 99%
XYZ	86.7227, 86.4420, 100.1137
YIQ	241.1630, 7.1510, 8.0710

Conversions

Conversions Part 2

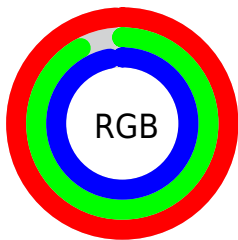
Format	Color
RYB	253, 234, 247
Decimal	16640759
CIELab	94.50, 8.66, -3.96
CIELCh	95, 9.521, 335.416
Yxy	86.4420, 0.3173, 0.3163
Android (android.graphics.Color)	4294830839 (0xFFFDEAF7)
YUV	241.1630, 2.8776, 10.3810
Hunter-Lab	92.9742, 3.7931, 1.2391

Details

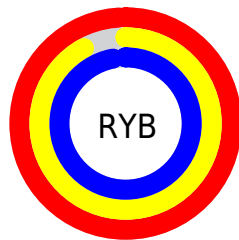
The YIQ color $241.1630, 7.1510, 8.0710$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $245.8370, -7.1510, -8.0710$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.8640, 6.5550, 7.8590$ is the 20% darker color. If you saturate the color by 10%, you get $225.5760, 16.5940, 18.6580$, and if you desaturate by 10%, it is $254.4020, -1.1920, -0.4240$.

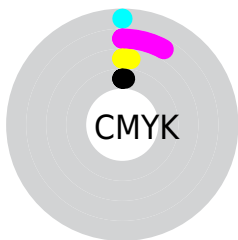
Distribution



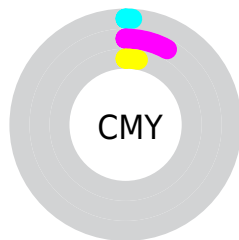
- Red (99%)
- Green (92%)
- Blue (97%)



- Red (99%)
- Yellow (92%)
- Blue (97%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (1%)





- Cyan (1%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 241.1630, 7.1510, 8.0710 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 241.1630, 7.1510, 8.0710 by changing the saturation by 10% instead.


 241.1630, 7.1510,
8.0710


 241.1630, 7.1510,
8.0710


255.0000, -0.0000,
-0.0000

 212.8640, 6.5550,
7.8590

 184.8640, 6.5550,
7.8590

 158.4510, 6.2800,
7.3360

 132.3370, 6.6010,
7.0250

 107.0380, 6.0050,
6.8130

 82.7390, 5.4090,
6.6010

 59.6250, 5.7300,

6.2900

■ 37.9130, 4.8590,
5.5550

■ 16.1520, 5.6840,
7.1240

■ 241.1630, 7.1510,
8.0710

■ 241.1630, 7.1510,
8.0710

■ 225.5760, 16.5940,
18.6580

254.4020, -1.1920,
-0.4240

■ 209.4020, 26.3120,
29.7680

■ 193.8150, 35.7550,
40.3550

■ 178.2280, 45.1980,
50.9420

■ 162.0540, 54.9160,
62.0520

■ 146.4670, 64.3590,
72.6390

■ 130.8800, 73.8020,
83.2260

■ 115.2930, 83.2450,
93.8130

■ 99.1190, 92.9630,
104.9230

Harmonies

Analogous

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



240.1450, -1.6060, 7.0820



241.1630, 7.1510, 8.0710



240.1480, 11.5070, 6.2190

Triad

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



241.1630, 7.1510, 8.0710



238.7420, 9.3540, -4.3260



236.4970, -17.6970, -4.1690

Complementary

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



241.1630, 7.1510, 8.0710



245.8370, -7.1510, -8.0710

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.



236.4710, -14.8080, -6.9680



241.1630, 7.1510, 8.0710



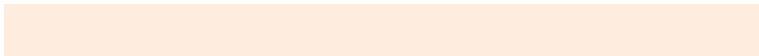
237.8550, 1.6060, -7.0820

Square

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



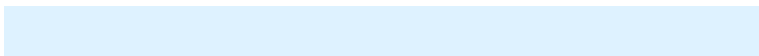
241.1630, 7.1510, 8.0710



239.9000, 14.9010, -0.2270



236.8370, -7.1510, -8.0710



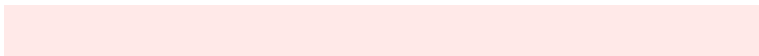
237.5020, -16.0930, -0.1970

Rectangle

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



241.1630, 7.1510, 8.0710



239.4640, 13.4330, 4.3530



236.8370, -7.1510, -8.0710



236.8560, -17.3300, -5.3140

Sweetspot

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



241.1630, 7.1510, 8.0710



251.8370, 2.0170, 1.9930



237.9600, -2.5230, 7.1810



126.1250, 1.1460, 1.2580



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

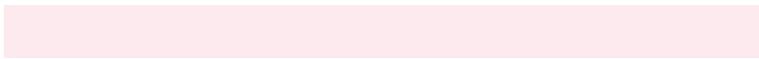
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.1630, 7.1510, 8.0710



240.7010, 8.5720, 9.8520



240.1370, 10.0400, 5.2720



119.7990, 5.1800, 5.2440



72.0430, 71.7850, 81.2330



24.1520, 24.0200, 27.2520

Inverse Universe

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



241.1630, 7.1510, 8.0710



240.7010, 8.5720, 9.8520



246.8630, -10.0400, -5.2720



119.7990, 5.1800, 5.2440



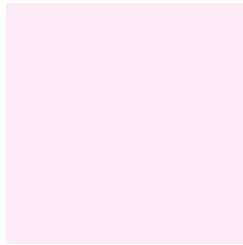
72.0430, 71.7850, 81.2330



24.1520, 24.0200, 27.2520

Previews

White Background



This preview shows how the YIQ color 241.1630, 7.1510, 8.0710 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 241.1630, 7.1510, 8.0710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

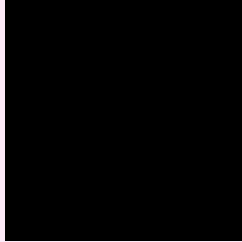
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 241.1630, 7.1510, 8.0710

Background



This preview shows how black text looks on a background with the YIQ color 241.1630, 7.1510, 8.0710.



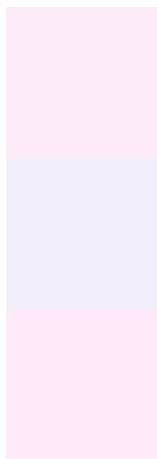
This preview shows how white text looks on a background with the YIQ color 241.1630, 7.1510,

8.0710.

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

241.1630, 7.1510, 8.0710

Protanopia

240.1510, -1.7430, 4.0570

Deuteranopia

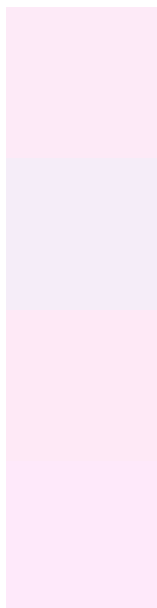
241.0600, 8.9390, 8.7070



Tritanopia

241.4450, 6.4170, 10.3610

Trichromacy



Original Color

241.1630, 7.1510, 8.0710

Protanomaly

240.6460, 1.2370, 5.1170

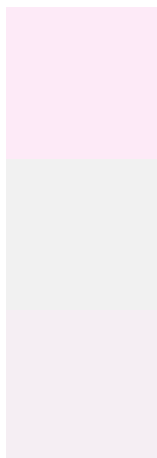
Deuteranomaly

240.7610, 8.3430, 8.4950

Tritanomaly

241.2170, 7.0590, 9.7390

Monochromacy



Original Color

241.1630, 7.1510, 8.0710

Achromatopsia

241.0000, -0.0000, -0.0000

Achromatomaly

240.6630, 2.5670, 3.0390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.1630, 7.1510, 8.0710 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(253, 234, 247)` looks like.

```
.text, #text, p{  
    color:rgb(253, 234, 247)  
}
```

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(253, 234, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 234, 247) }
```

Border

The CSS property to change the border of an element to YIQ 241.1630, 7.1510, 8.0710 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(253, 234, 247) }
```


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

```
.border{ border-color:rgb(253, 234, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 234, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 234, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 234, 247);  
box-shadow:4px 4px 4px 4px rgb(253, 234,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 241.1630, 7.1510, 8.0710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 234, 247) }
```

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

```
.background{ background-color: rgb(253,  
234, 247) }
```

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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