

Converting Colors

YIQ(240.7440, 7.0130, 10.5730)

Have a look what the booklet for
YIQ(240.7440, 7.0130, 10.5730)
contains.

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Color

**YIQ(240.7440, 7.0130,
10.5730)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE8FB
RGB	254, 232, 251
RGB Percent	100%, 91%, 98%
CMY	0.0039, 0.0902, 0.0157
CMYK	0.00, 0.09, 0.01, 0.00
HSL	308°, 92%, 95%
HSV	308°, 9%, 100%
XYZ	87.1462, 85.7472, 103.2273
YIQ	240.7440, 7.0130, 10.5730

Conversions

Conversions Part 2

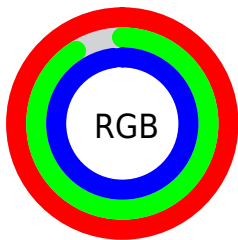
Format	Color
R _Y B	254, 232, 251
Decimal	16705787
CIE Lab	94.20, 10.73, -6.47
CIE LCh	94, 12.525, 328.906
Yxy	85.7472, 0.3156, 0.3105
Android (android.graphics.Color)	4294895867 (0xFFFE8FB)
YUV	240.7440, 5.0562, 11.6255
Hunter-Lab	92.5998, 5.9377, -1.2748

Details

The YIQ color $240.7440, 7.0130, 10.5730$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $245.2560, -7.0130, -10.5730$, 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 $184.4450, 6.4170, 10.3610$ is the 20% darker color. If you saturate the color by 10%, you get $225.7270, 14.8510, 22.7150$, and if you desaturate by 10%, it is $254.5870, -0.2750, -0.5230$.

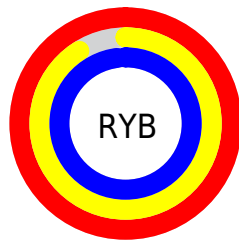
Distribution



Red (100%)

Green (91%)

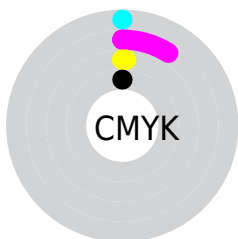
Blue (98%)



Red (100%)

Yellow (91%)

Blue (98%)

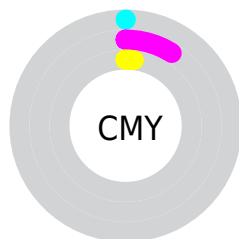


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.7440, 7.0130, 10.5730 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 240.7440, 7.0130, 10.5730 by changing the saturation by 10% instead.

240.7440, 7.0130,
10.5730

240.7440, 7.0130,
10.5730

255.0000, -0.0000,
-0.0000

212.3310, 6.7380,
10.0500

184.4450, 6.4170,
10.3610

157.9180, 6.4630,
9.5270

131.6190, 5.8670,
9.3150

106.5050, 6.1880,
9.0040

82.2060, 5.5920,
8.7920

58.7930, 5.3170,

8.2690

■ 37.3800, 5.0420,
7.7460

■ 15.6190, 5.8670,
9.3150

■ 240.7440, 7.0130,
10.5730

■ 240.7440, 7.0130,
10.5730

■ 225.7270, 14.8510,
22.7150

254.5870, -0.2750,
-0.5230

■ 210.0090, 23.2850,
35.0690

254.7010, -0.5960,
-0.2120

■ 194.9920, 31.1230,
47.2110

■ 179.2740, 39.5570,
59.5650

■ 164.2570, 47.3950,
71.7070

■ 149.1260, 55.5540,
83.5380

■ 133.5220, 63.6670,
96.2030

■ 118.3910, 71.8260,
108.0340

■ 102.7870, 79.9390,
120.6990

Harmonies

Analogous

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



238.7750, -3.4400, 7.2800



240.7440, 7.0130, 10.5730



238.5010, 12.0110, 8.0990

Triad

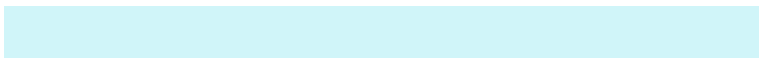
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.7440, 7.0130, 10.5730



237.9660, 14.5350, -4.6090



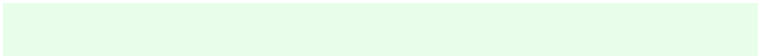
234.3930, -23.3360, -6.6000

Complementary

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



240.7440, 7.0130, 10.5730



245.2560, -7.0130, -10.5730

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.



234.8080, -17.3750, -10.0070



240.7440, 7.0130, 10.5730



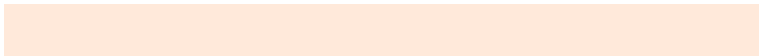
236.4700, 4.1280, -8.7360

Square

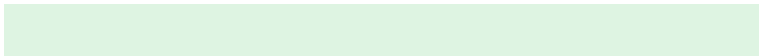
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



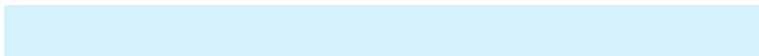
240.7440, 7.0130, 10.5730



237.8680, 17.9270, -0.0010



235.3700, -7.3340, -10.2620



235.3980, -21.7320, -2.6280

Rectangle

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



240.7440, 7.0130, 10.5730



237.5890, 14.5790, 5.6110



235.3700, -7.3340, -10.2620



234.9370, -22.0520, -7.8440

Sweetspot

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



240.7440, 7.0130, 10.5730



250.1900, 2.5210, 3.8730



235.4050, -5.2740, 7.4780



124.3640, 1.9710, 2.8270



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.



240.7440, 7.0130, 10.5730



239.9830, 7.8380, 12.1420



239.4900, 10.5440, 7.1520



120.1410, 4.2170, 6.1770



75.9190, 60.8710, 91.8070



25.4060, 20.4890, 30.6730

Inverse Universe

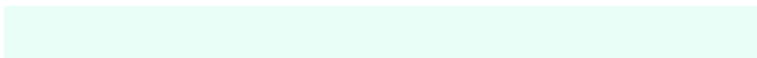
The Inverse Universe completely reimagines the original color for something new.



240.7440, 7.0130, 10.5730



239.9830, 7.8380, 12.1420



246.5100, -10.5440, -7.1520



120.1410, 4.2170, 6.1770



75.9190, 60.8710, 91.8070



25.4060, 20.4890, 30.6730

Previews

White Background



This preview shows how the YIQ color 240.7440, 7.0130, 10.5730 looks on a white background.

Color Contrast Check

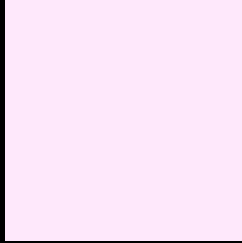
Large Text (above 18pt) WCAG AA × Fail

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 240.7440, 7.0130, 10.5730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

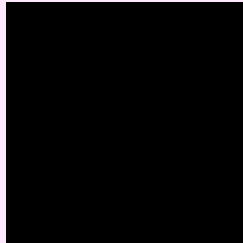
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 240.7440, 7.0130, 10.5730

Background



This preview shows how black text looks on a background with the YIQ color 240.7440, 7.0130, 10.5730.



This preview shows how white text looks on a background with the YIQ color 240.7440, 7.0130,

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

240.7440, 7.0130, 10.5730

Protanopia

239.2370, -4.8610, 5.4990

Deuteranopia

241.0430, 7.6090, 10.7850



Tritanopia

240.6300, 7.3340, 10.2620

Trichromacy



Original Color

240.7440, 7.0130, 10.5730

Protanomaly

239.7430, -0.4140, 7.5060

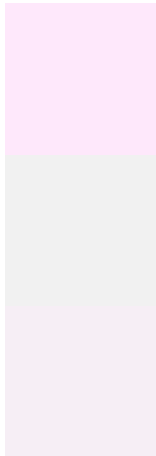
Deuteranomaly

241.0430, 7.6090, 10.7850

Tritanomaly

240.6300, 7.3340, 10.2620

Monochromacy



Original Color

240.7440, 7.0130, 10.5730

Achromatopsia

241.0000, -0.0000, -0.0000

Achromatomaly

241.1900, 2.5210, 3.8730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.7440, 7.0130, 10.5730 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(254, 232, 251)` looks like.

```
.text, #text, p{  
    color:rgb(254, 232, 251)  
}
```

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(254, 232, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 232, 251) }
```

Border

The CSS property to change the border of an element to YIQ 240.7440, 7.0130, 10.5730 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(254, 232, 251) }
```


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

```
.border{ border-color:rgb(254, 232, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 232, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 232, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 232, 251);  
box-shadow:4px 4px 4px 4px rgb(254, 232,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 240.7440, 7.0130, 10.5730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 232, 251) }
```

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

```
.background{ background-color: rgb(254,  
232, 251) }
```

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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