

Converting Colors

YIQ(230.6660, -1.5150, 10.9410)

Have a look what the booklet for
YIQ(230.6660, -1.5150, 10.9410)
contains.

YIQ(230.6660, -1.5150, 10.9410)	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(230.6660, -1.5150,
10.9410)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE0FB
RGB	236, 224, 251
RGB Percent	93%, 88%, 98%
CMY	0.0745, 0.1216, 0.0157
CMYK	0.06, 0.11, 0.00, 0.02
HSL	267°, 77%, 93%
HSV	267°, 11%, 98%
XYZ	78.6617, 78.1081, 102.1916
YIQ	230.6660, -1.5150, 10.9410

Conversions

Conversions Part 2

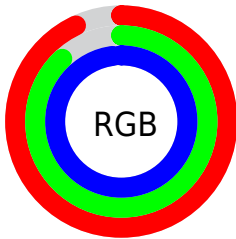
Format	Color
R _Y B	236, 224, 251
Decimal	15524091
CIE Lab	90.83, 8.97, -11.63
CIE LCh	91, 14.684, 307.640
Yxy	78.1081, 0.3038, 0.3016
Android (android.graphics.Color)	4293714171 (0xFFECE0FB)
YUV	230.6660, 10.0247, 4.6779
Hunter-Lab	88.3788, 4.2115, -6.6913

Details

The YIQ color $230.6660, -1.5150, 10.9410$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $244.3340, 1.5150, -10.9410$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $175.1390, -1.4690, 10.1070$ is the 20% darker color. If you saturate the color by 10%, you get $211.8050, -2.9840, 21.0480$, and if you desaturate by 10%, it is $249.5270, -0.0460, 0.8340$.

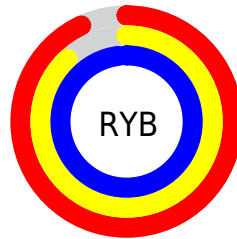
Distribution



Red (93%)

Green (88%)

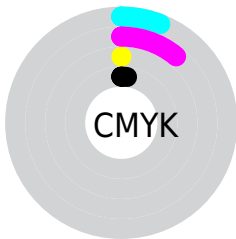
Blue (98%)



Red (93%)

Yellow (88%)

Blue (98%)

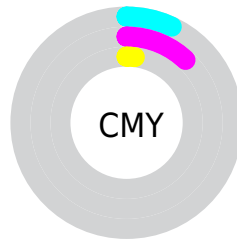


Cyan (6%)

Magenta (11%)

Yellow (0%)

Black (2%)



Cyan (7%)

Magenta (12%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.6660, -1.5150, 10.9410 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 230.6660, -1.5150, 10.9410 by changing the saturation by 10% instead.

230.6660, -1.5150,
10.9410

230.6660, -1.5150,
10.9410

255.0000, -0.0000,
-0.0000

202.5520, -1.1940,
10.6300

175.1390, -1.4690,
10.1070

148.1390, -1.4690,
10.1070

122.7260, -1.7440,
9.5840

97.6120, -1.4230,
9.2730

74.1990, -1.6980,
8.7500

51.0850, -1.3770,

8.4390

■ 30.2590, -1.9270,
7.3930

■ 6.7370, -0.2770,
10.5310

■ 230.6660, -1.5150,
10.9410

■ 230.6660, -1.5150,
10.9410

■ 211.8050, -2.9840,
21.0480

■ 249.5270, -0.0460,
0.8340

■ 192.9440, -4.4530,
31.1550

■ 254.5440, 1.2840,
-1.2440

■ 174.0830, -5.9220,
41.2620

■ 155.2220, -7.3910,
51.3690

■ 136.3610, -8.8600,
61.4760

■ 116.9130,
-10.0540, 72.1060

■ 98.3510, -10.9270,
82.4250

■ 79.4900, -12.3960,
92.5320

■ 62.1020, -13.8190,
101.8050

Harmonies

Analogous

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



228.6750, -14.9020, 5.7540



230.6660, -1.5150, 10.9410



231.5490, 12.0560, 12.7920

Triad

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



230.6660, -1.5150, 10.9410



229.3800, 22.2370, -1.0190



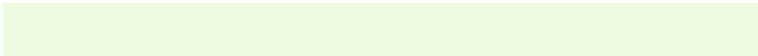
223.8720, -23.4270, -10.4590

Complementary

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



230.6660, -1.5150, 10.9410



244.3340, 1.5150, -10.9410

Split Complementary

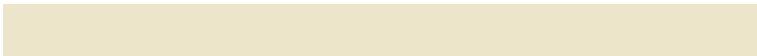
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.6790, -12.6980, -12.1700



230.6660, -1.5150, 10.9410



228.2000, 13.7560, -7.0120

Square

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



230.6660, -1.5150, 10.9410



230.1400, 23.1530, 4.4090



226.0350, 0.9190, -11.1530



224.4680, -27.9210, -6.1050

Rectangle

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



230.6660, -1.5150, 10.9410



231.0180, 17.9250, 11.0530



226.0350, 0.9190, -11.1530



224.1990, -20.0340, -11.3780

Sweetspot

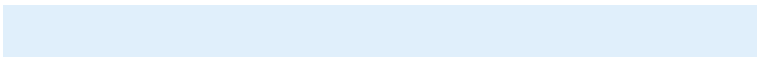
The Sweet Spot groups the original color and five complimentary colors.



230.6660, -1.5150, 10.9410



249.1080, -0.1840, 3.3360



235.8830, -12.7920, 0.5520



123.5810, -0.1380, 2.5020



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.



230.6660, -1.5150, 10.9410



230.2470, -1.6530, 13.4430



234.5530, 6.2330, 13.6970



115.2760, -0.5970, 5.3150



46.6620, -10.6050, 76.5870



15.0270, -3.4890, 24.6950

Inverse Universe

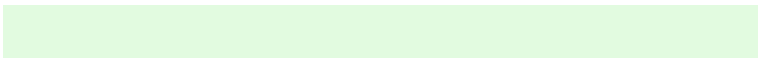
The Inverse Universe completely reimagines the original color for something new.



233.7830, 11.2770, 10.3890



233.9190, 13.8900, 12.5940



240.4470, -6.2330, -13.6970



116.6850, 5.5010, 4.9330



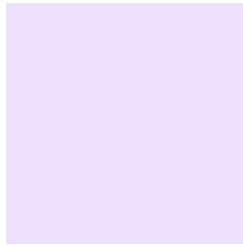
68.4810, 78.9390, 72.7230



22.1150, 25.4420, 23.5060

Previews

White Background



This preview shows how the YIQ color 230.6660, -1.5150, 10.9410 looks on a white background.

Color Contrast Check

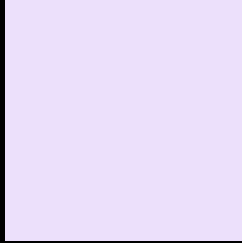
Large Text (above 18pt) WCAG AA × Fail

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 230.6660, -1.5150, 10.9410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

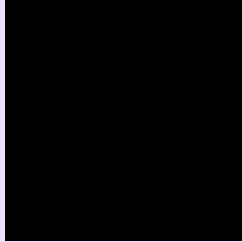
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 230.6660, -1.5150, 10.9410

Background



This preview shows how black text looks on a background with the YIQ color 230.6660, -1.5150, 10.9410.



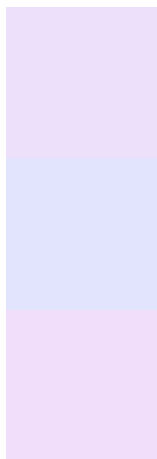
This preview shows how white text looks on a background with the YIQ color 230.6660, -1.5150,

10.9410.

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

230.6660, -1.5150, 10.9410

Protanopia

229.6650, -8.9420, 7.8740

Deuteranopia

230.9870, 2.0150, 13.0470



Tritanopia

230.0420, 0.1820, 7.7180

Trichromacy



Original Color

230.6660, -1.5150, 10.9410

Protanomaly

230.1600, -5.9620, 8.9340

Deuteranomaly

230.9760, 0.5480, 12.1000

Tritanomaly

230.3840, -0.7810, 8.6510

Monochromacy



Original Color

230.6660, -1.5150, 10.9410

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

230.6350, -0.2300, 4.1700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.6660, -1.5150, 10.9410 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(236, 224, 251)` looks like.

```
.text, #text, p{  
    color:rgb(236, 224, 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(236, 224, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 224, 251) }
```

Border

The CSS property to change the border of an element to YIQ 230.6660, -1.5150, 10.9410 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(236, 224, 251) }
```


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

```
.border{ border-color:rgb(236, 224, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 224, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 224, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 224, 251);  
box-shadow:4px 4px 4px 4px rgb(236, 224,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 230.6660, -1.5150, 10.9410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 224, 251) }
```

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

```
.background{ background-color: rgb(236,  
224, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor