

Converting Colors

YIQ(221.6630, -23.7960, 1.7400)

Have a look what the booklet for
YIQ(221.6630, -23.7960, 1.7400)
contains.

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Color

**YIQ(221.6630, -23.7960,
1.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	C8E3FB
RGB	200, 227, 251
RGB Percent	78%, 89%, 98%
CMY	0.2157, 0.1097, 0.0158
CMYK	0.20, 0.10, 0.00, 0.02
HSL	208°, 86%, 88%
HSV	208°, 20%, 98%
XYZ	68.6963, 74.1853, 101.9415
YIQ	221.6630, -23.7960, 1.7400

Conversions

Conversions Part 2

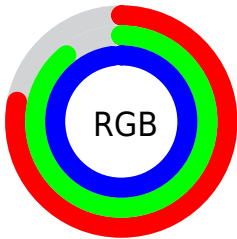
Format	Color
R _Y B	200, 218, 251
Decimal	13165563
CIE Lab	89.01, -3.92, -14.60
CIE LCh	89, 15.121, 254.988
Yxy	74.1853, 0.2806, 0.3030
Android (android.graphics.Color)	4291355643 (0xFFC8E3FB)
YUV	221.6630, 14.4631, -18.9985
Hunter-Lab	86.1309, -8.3609, -9.8820

Details

The YIQ color $221.6630, -23.7960, 1.7400$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $229.3370, 23.7960, -1.7400$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $166.4350, -23.1540, 1.1180$ is the 20% darker color. If you saturate the color by 10%, you get $207.1440, -35.3960, 2.7160$, and if you desaturate by 10%, it is $236.1820, -12.1960, 0.7640$.

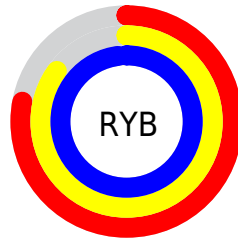
Distribution



Red (78%)

Green (89%)

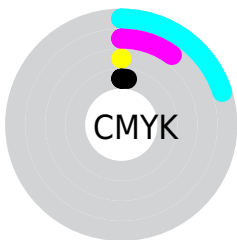
Blue (98%)



Red (78%)

Yellow (85%)

Blue (98%)

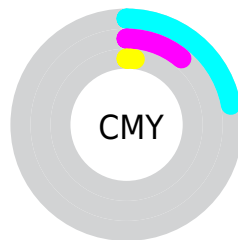


Cyan (20%)

Magenta (10%)

Yellow (0%)

Black (2%)



Cyan (22%)

Magenta (11%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.6630, -23.7960, 1.7400 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 221.6630, -23.7960, 1.7400 by changing the saturation by 10% instead.

■ 221.6630,
-23.7960, 1.7400

■ 221.6630,
-23.7960, 1.7400

255.0000, -0.0000,
-0.0000

■ 193.5490,
-23.4750, 1.4290

■ 166.4350,
-23.1540, 1.1180

■ 139.7340,
-22.5580, 1.3300

■ 114.6200,
-22.2370, 1.0190

■ 89.5060, -21.9160,
0.7080

■ 65.5060, -21.9160,
0.7080

■ 42.6800, -22.4660,

-0.3380

■ 21.5660, -22.1450,
-0.6490

■ 3.4370, -8.3000,
7.2520

■ 221.6630,
-23.7960, 1.7400

■ 221.6630,
-23.7960, 1.7400

■ 207.1440,
-35.3960, 2.7160

■ 236.1820,
-12.1960, 0.7640

■ 192.6250,
-46.9960, 3.6920

■ 250.7010, -0.5960,
-0.2120

■ 178.6930,
-58.8710, 4.1450

■ 254.5440, 1.2840,
-1.2440

■ 164.1740,
-70.4710, 5.1210

■ 149.6550,
-82.0710, 6.0970

■ 134.8370,
-94.2670, 6.8610

■ 120.3180,
-105.8670, 7.8370

■ 106.6850,
-117.1460, 8.5020

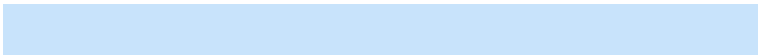
Harmonies

Analogous

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



219.8100, -28.8840, -5.1720



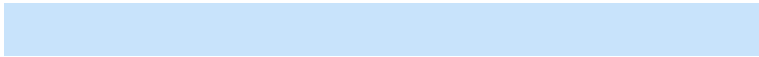
221.6630, -23.7960, 1.7400



223.8110, -12.2890, 7.9590

Triad

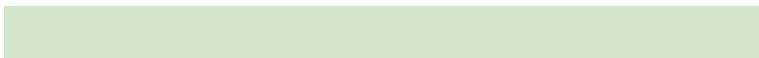
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.6630, -23.7960, 1.7400



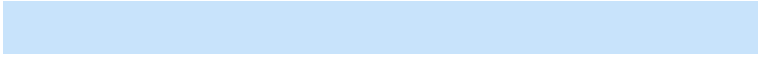
226.6010, 23.4730, 9.6250



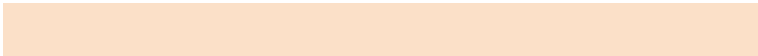
220.6540, -2.3820, -11.9020

Complementary

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



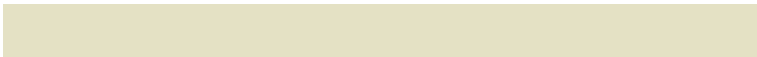
221.6630, -23.7960, 1.7400



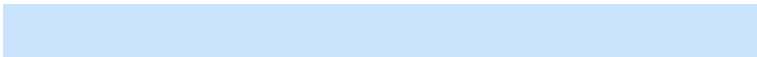
229.3370, 23.7960, -1.7400

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.



222.5910, 11.0970, -8.3830



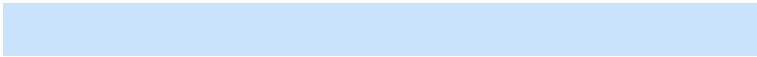
221.6630, -23.7960, 1.7400



225.3960, 25.3080, 3.9000

Square

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



221.6630, -23.7960, 1.7400



226.4030, 15.4030, 12.7070



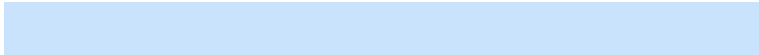
223.8420, 20.8160, -2.8000



219.4120, -16.3200, -12.6080

Rectangle

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



221.6630, -23.7960, 1.7400



225.1820, -3.0280, 10.8280



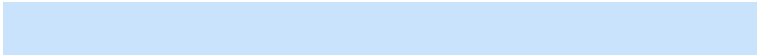
223.8420, 20.8160, -2.8000



221.2200, 1.8360, -11.2520

Sweetspot

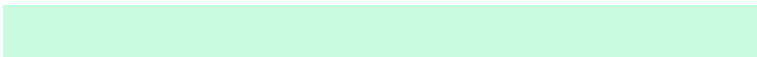
The Sweet Spot groups the original color and five complimentary colors.



221.6630, -23.7960, 1.7400



246.4060, -7.0150, 0.4810



232.6730, -21.7290, -19.2090



122.3740, -3.9890, 0.7070



0.0000, 0.0000, 0.0000



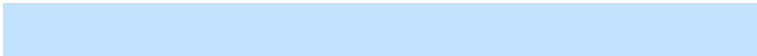
128.0000, -0.0000, -0.0000

Same Dimension

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



221.6630, -23.7960, 1.7400



219.7380, -28.3810, 2.2350



206.9880, -16.9210, 14.8150



117.5910, -6.0980, 0.3820



80.2460, -88.1690, 6.4790



25.7380, -28.3810, 2.2350

Inverse Universe

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



218.3270, 21.7290, 19.2090



215.8870, 26.0840, 22.8840



244.0120, 16.9210, -14.8150



116.6850, 5.5010, 4.9330



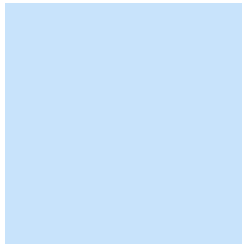
67.9110, 80.5440, 71.1680



21.8870, 26.0840, 22.8840

Previews

White Background



This preview shows how the YIQ color 221.6630, -23.7960, 1.7400 looks on a white background.

Color Contrast Check

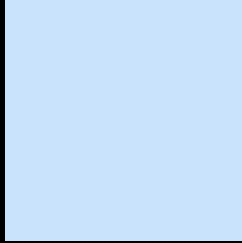
Large Text (above 18pt) WCAG AA × Fail

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 221.6630, -23.7960, 1.7400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

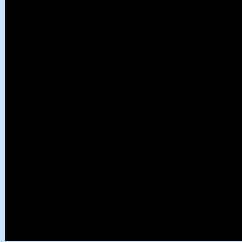
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

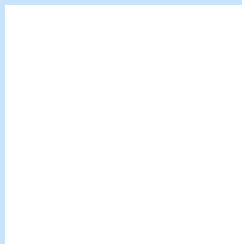
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 221.6630, -23.7960, 1.7400

Background



This preview shows how black text looks on a background with the YIQ color 221.6630, -23.7960, 1.7400.



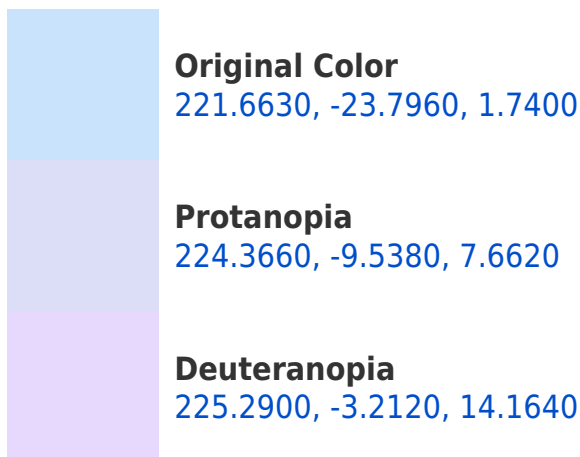
This preview shows how white text looks on a background with the YIQ color 221.6630, -23.7960,

1.7400.

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

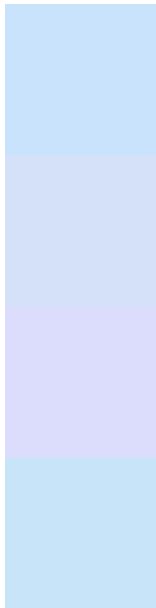




Tritanopia

221.3810, -23.0620, -0.5500

Trichromacy



Original Color

221.6630, -23.7960, 1.7400

Protanomaly

223.5610, -14.5810, 5.4430

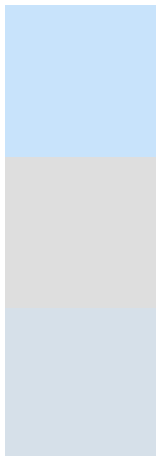
Deuteranomaly

224.2350, -10.5470, 9.4290

Tritanomaly

221.6090, -23.7040, 0.0720

Monochromacy



Original Color

221.6630, -23.7960, 1.7400

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.0360, -8.8490, 0.6790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.6630, -23.7960, 1.7400 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(200, 227, 251)` looks like.

```
.text, #text, p{  
    color:rgb(200, 227, 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(200, 227, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 227, 251) }
```

Border

The CSS property to change the border of an element to YIQ 221.6630, -23.7960, 1.7400 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(200, 227, 251) }
```


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

```
.border{ border-color:rgb(200, 227, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 227, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 227, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 227, 251);  
box-shadow:4px 4px 4px 4px rgb(200, 227,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 221.6630, -23.7960, 1.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 227, 251) }
```

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

```
.background{ background-color: rgb(200,  
227, 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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