

Converting Colors

YIQ(223.7590, -6.5110, 2.3610)

Have a look what the booklet for
YIQ(223.7590, -6.5110, 2.3610)
contains.

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Color

**YIQ(223.7590, -6.5110,
2.3610)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE0EB
RGB	219, 224, 235
RGB Percent	86%, 88%, 92%
CMY	0.1412, 0.1215, 0.0785
CMYK	0.07, 0.05, 0.00, 0.08
HSL	221°, 29%, 89%
HSV	221°, 7%, 92%
XYZ	70.8634, 74.3700, 89.2106
YIQ	223.7590, -6.5110, 2.3610

Conversions

Conversions Part 2

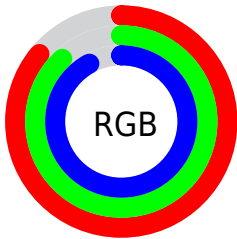
Format	Color
R _{YB}	219, 223, 235
Decimal	14409963
CIE Lab	89.10, 0.38, -5.94
CIE LCh	89, 5.957, 273.635
Yxy	74.3700, 0.3023, 0.3172
Android (android.graphics.Color)	4292600043 (0xFFDBE0EB)
YUV	223.7590, 5.5418, -4.1736
Hunter-Lab	86.2380, -4.2398, -0.9670

Details

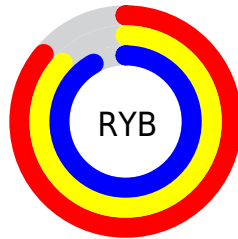
The YIQ color $223.7590, -6.5110, 2.3610$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $230.2410, 6.5110, -2.3610$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $168.6450, -6.1900, 2.0500$ is the 20% darker color. If you saturate the color by 10%, you get $207.4900, -15.8190, 5.8530$, and if you desaturate by 10%, it is $240.0280, 2.7970, -1.1310$.

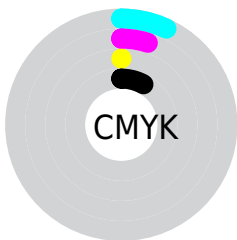
Distribution



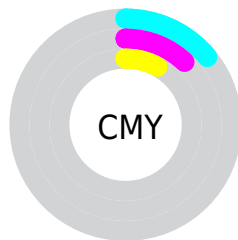
- Red (86%)
- Green (88%)
- Blue (92%)



- Red (86%)
- Yellow (87%)
- Blue (92%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (8%)



- Cyan (14%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.7590, -6.5110, 2.3610 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 223.7590, -6.5110, 2.3610 by changing the saturation by 10% instead.

■ 223.7590, -6.5110,
2.3610

■ 223.7590, -6.5110,
2.3610

255.0000, -0.0000,
-0.0000

■ 195.7590, -6.5110,
2.3610

■ 168.6450, -6.1900,
2.0500

■ 142.0580, -5.9150,
2.5730

■ 116.6450, -6.1900,
2.0500

■ 91.9440, -5.5940,
2.2620

■ 68.5310, -5.8690,
1.7390

■ 46.4170, -5.5480,

1.4280

■ 25.7160, -4.9520,
1.6400

■ 1.2540, -3.5310,
3.4210

■ 223.7590, -6.5110,
2.3610

■ 223.7590, -6.5110,
2.3610

■ 207.4900,
-15.8190, 5.8530

■ 240.0280, 2.7970,
-1.1310

■ 190.9220,
-25.7230, 9.1330

■ 252.7200, 6.4200,
-6.2200

■ 174.6530,
-35.0310, 12.6250

■ 157.4980,
-44.6600, 16.4280

■ 141.2290,
-53.9680, 19.9200

■ 124.6610,
-63.8720, 23.2000

■ 108.3920,
-73.1800, 26.6920

■ 91.8240, -83.0840,
29.9720

■ 75.5550, -92.3920,
33.4640

Harmonies

Analogous

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



223.0250, -10.3160, -0.2680



223.7590, -6.5110, 2.3610



224.4500, -1.1470, 4.2690

Triad

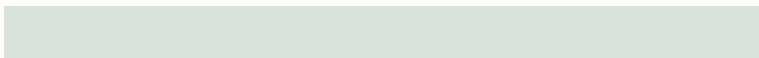
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223.7590, -6.5110, 2.3610



224.5560, 10.1780, 2.7700



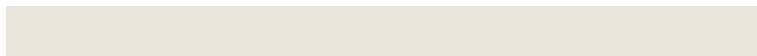
222.5000, -4.5840, -5.0320

Complementary

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



223.7590, -6.5110, 2.3610



230.2410, 6.5110, -2.3610

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.



222.5500, 1.1470, -4.2690



223.7590, -6.5110, 2.3610



224.3770, 9.1240, -0.1560

Square

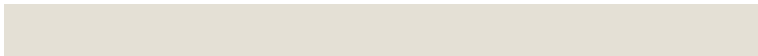
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223.7590, -6.5110, 2.3610



225.1260, 8.5730, 4.3250



223.9420, 5.9150, -2.5730



221.8740, -8.5730, -4.3250

Rectangle

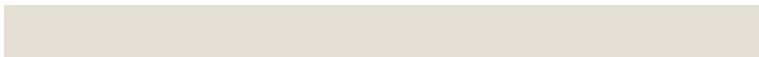
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223.7590, -6.5110, 2.3610



224.8310, 2.1540, 5.0180



223.9420, 5.9150, -2.5730



222.2830, -2.4750, -4.7070

Sweetspot

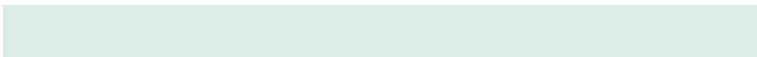
The Sweet Spot groups the original color and five complimentary colors.



223.7590, -6.5110, 2.3610



251.1570, -1.8800, 1.0320



229.6460, -7.9310, -4.9470



125.9290, -1.2380, 0.4100



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.



223.7590, -6.5110, 2.3610



240.8020, -8.0700, 3.0820



221.7210, -3.3480, 5.6120



109.0150, -4.3560, 1.8520



54.0930, -73.7760, 26.4800



16.1350, -22.0090, 7.9030

Inverse Universe

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



224.3540, 7.9310, 4.9470



241.6640, 9.9940, 6.1060



232.2790, 3.3480, -5.6120



109.6310, 5.5930, 3.2650



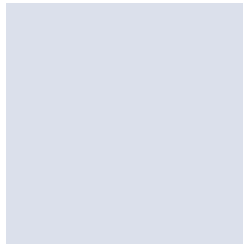
60.6170, 89.5790, 56.0990



18.0840, 26.7270, 16.7350

Previews

White Background



This preview shows how the YIQ color 223.7590, -6.5110, 2.3610 looks on a white background.

Color Contrast Check

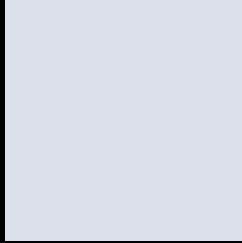
Large Text (above 18pt) WCAG AA × Fail

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 223.7590, -6.5110, 2.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

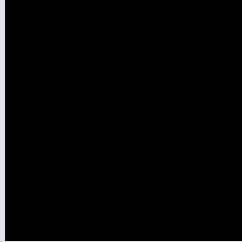
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

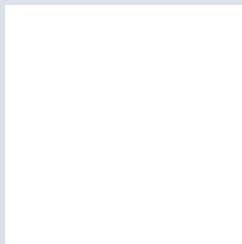
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 223.7590, -6.5110, 2.3610

Background



This preview shows how black text looks on a background with the YIQ color 223.7590, -6.5110, 2.3610.



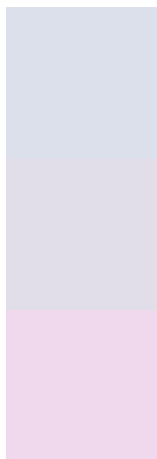
This preview shows how white text looks on a background with the YIQ color 223.7590, -6.5110,

2.3610.

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

223.7590, -6.5110, 2.3610

Protanopia

224.2650, -2.0640, 4.3680

Deuteranopia

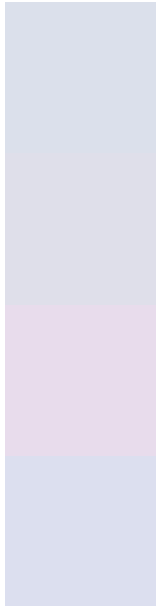
226.0430, 7.6090, 10.7850



Tritanopia

224.1550, -7.5660, 4.9620

Trichromacy



Original Color

223.7590, -6.5110, 2.3610

Protanomaly

224.2540, -3.5310, 3.4210

Deuteranomaly

225.4120, 2.0160, 7.5200

Tritanomaly

223.9270, -6.9240, 4.3400

Monochromacy



Original Color

223.7590, -6.5110, 2.3610

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

223.8580, -2.4760, 0.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.7590, -6.5110, 2.3610 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(219, 224, 235)` looks like.

```
.text, #text, p{  
    color:rgb(219, 224, 235)  
}
```

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(219, 224, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 224, 235) }
```

Border

The CSS property to change the border of an element to YIQ 223.7590, -6.5110, 2.3610 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(219, 224, 235) }
```


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

```
.border{ border-color:rgb(219, 224, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 224, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 224, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 224, 235);  
box-shadow:4px 4px 4px 4px rgb(219, 224,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 223.7590, -6.5110, 2.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 224, 235) }
```

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

```
.background{ background-color: rgb(219,  
224, 235) }
```

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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