

Converting Colors

YIQ(223.9710, -10.2240,
-1.9360)

Have a look what the booklet for
YIQ(223.9710, -10.2240, -1.9360)
contains.

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Color

**YIQ(223.9710, -10.2240,
-1.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E4E8
RGB	213, 228, 232
RGB Percent	84%, 89%, 91%
CMY	0.1647, 0.1058, 0.0902
CMYK	0.08, 0.02, 0.00, 0.09
HSL	193°, 29%, 87%
HSV	193°, 8%, 91%
XYZ	69.7472, 75.4607, 87.2249
YIQ	223.9710, -10.2240, -1.9360

Conversions

Conversions Part 2

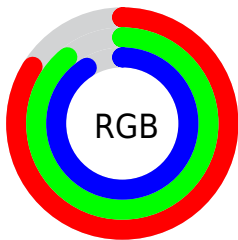
Format	Color
R _Y B	213, 221, 232
Decimal	14017768
CIE Lab	89.61, -4.22, -3.66
CIE LCh	90, 5.588, 220.973
Yxy	75.4607, 0.3001, 0.3247
Android (android.graphics.Color)	4292207848 (0xFFD5E4E8)
YUV	223.9710, 3.9583, -9.6216
Hunter-Lab	86.8681, -8.7000, 1.2741

Details

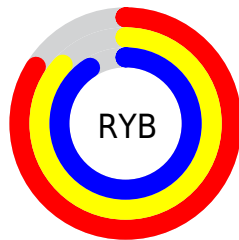
The YIQ color $223.9710, -10.2240, -1.9360$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $221.0290, 10.2240, 1.9360$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $168.8570, -9.9030, -2.2470$ is the 20% darker color. If you saturate the color by 10%, you get $214.1590, -22.5570, -4.1970$, and if you desaturate by 10%, it is $233.7830, 2.1090, 0.3250$.

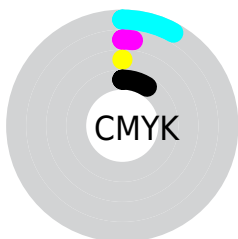
Distribution



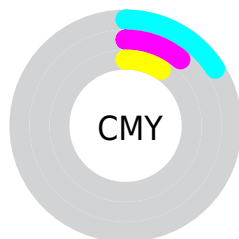
- Red (84%)
- Green (89%)
- Blue (91%)



- Red (84%)
- Yellow (87%)
- Blue (91%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.9710, -10.2240, -1.9360 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 223.9710, -10.2240, -1.9360 by changing the saturation by 10% instead.

■ 223.9710,
-10.2240, -1.9360

■ 223.9710,
-10.2240, -1.9360

255.0000, -0.0000,
-0.0000

■ 195.9710,
-10.2240, -1.9360

■ 168.8570, -9.9030,
-2.2470

■ 142.2700, -9.6280,
-1.7240

■ 116.5690, -9.0320,
-1.5120

■ 92.4550, -8.7110,
-1.8230

■ 68.4550, -8.7110,
-1.8230

■ 46.4550, -8.7110,

-1.8230

■ 25.6400, -7.7940,
-1.9220

■ 0.7980, -2.2470,
2.1770

■ 223.9710,
-10.2240, -1.9360

■ 223.9710,
-10.2240, -1.9360

■ 214.1590,
-22.5570, -4.1970

■ 233.7830, 2.1090,
0.3250

■ 204.3470,
-34.8900, -6.4580

■ 242.3990, 12.0580,
1.7380

■ 194.2360,
-47.8190, -8.9310

■ 245.3340, 10.6830,
-0.8770

■ 185.0110,
-60.4270, -11.7150

■ 247.6820, 9.5830,
-2.9690

■ 175.1990,
-72.7600, -13.9760

■ 250.6170, 8.2080,
-5.5840

■ 165.3870,
-85.0930, -16.2370

■ 252.3780, 7.3830,
-7.1530

■ 155.5750,
-97.4260, -18.4980

■ 145.4640,
-110.3550, -20.9710

■ 135.6520,
-122.6880, -23.2320

Harmonies

Analogous

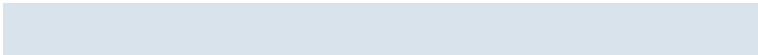
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.9880, -8.8940, -4.0140



223.9710, -10.2240, -1.9360



224.6230, -9.1240, 0.1560

Triad

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



223.9710, -10.2240, -1.9360



226.3860, 4.9050, 4.7210



224.7570, 4.9980, -2.4740

Complementary

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



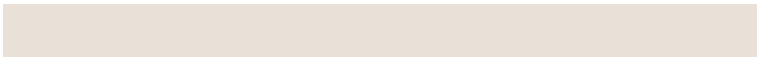
223.9710, -10.2240, -1.9360



221.0290, 10.2240, 1.9360

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.



225.6650, 8.2530, -0.8910



223.9710, -10.2240, -1.9360



226.5990, 8.6190, 3.4910

Square

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



223.9710, -10.2240, -1.9360



225.9340, 0.3660, 4.3820



226.0290, 10.2240, 1.9360



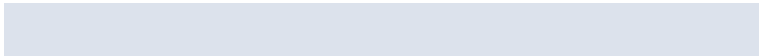
224.3650, 0.2300, -4.1700

Rectangle

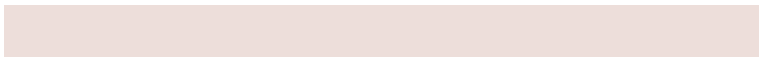
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223.9710, -10.2240, -1.9360



225.3460, -6.7860, 1.8380



226.0290, 10.2240, 1.9360



225.3550, 6.1900, -2.0500

Sweetspot

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



223.9710, -10.2240, -1.9360



252.9180, -2.7050, -0.5370



224.6090, -6.5090, -8.6930



126.5160, -1.5130, -0.1130



0.0000, 0.0000, 0.0000



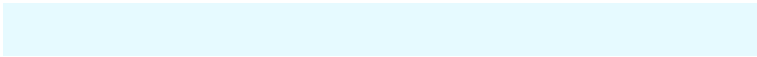
128.0000, -0.0000, -0.0000

Same Dimension

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



223.9710, -10.2240, -1.9360



244.5900, -13.5250, -2.6850



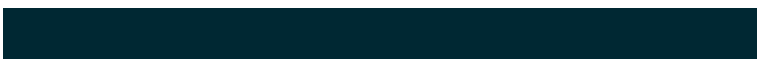
218.6880, -7.7490, 2.7710



109.6510, -6.3270, -0.9750



103.1730, -96.2340, -18.0740



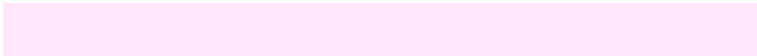
29.2940, -27.3710, -5.0590

Inverse Universe

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



220.3910, 6.5090, 8.6930



239.7550, 8.4800, 11.5200



226.3120, 7.7490, -2.7710



107.6140, 4.2630, 5.3430



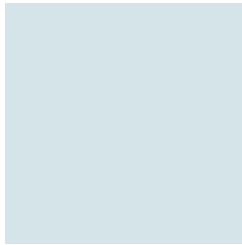
69.5950, 61.4230, 81.7990



19.8090, 17.5560, 23.2520

Previews

White Background



This preview shows how the YIQ color 223.9710, -10.2240, -1.9360 looks on a white background.

Color Contrast Check

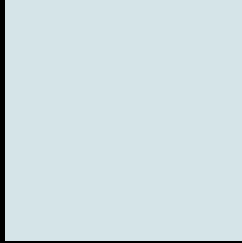
Large Text (above 18pt) WCAG AA × Fail

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 223.9710, -10.2240, -1.9360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

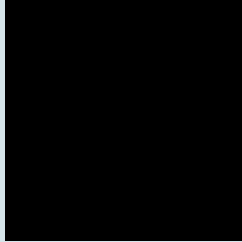
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

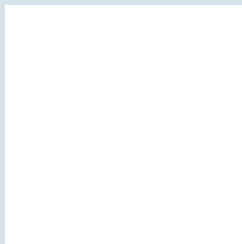
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 223.9710, -10.2240, -1.9360

Background



This preview shows how black text looks on a background with the YIQ color 223.9710, -10.2240, -1.9360.



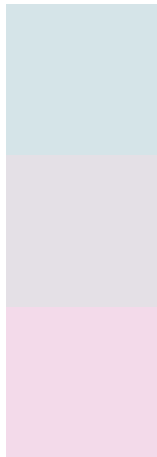
This preview shows how white text looks on a background with the YIQ color 223.9710, -10.2240, -1.9360.

-1.9360.

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

223.9710, -10.2240, -1.9360

Protanopia

225.8800, 0.4580, 2.7140

Deuteranopia

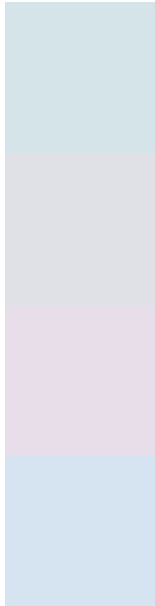
227.2990, 9.7640, 10.2760



Tritanopia

224.7630, -12.3340, 3.2660

Trichromacy



Original Color

223.9710, -10.2240, -1.9360

Protanomaly

225.0860, -3.1180, 1.4420

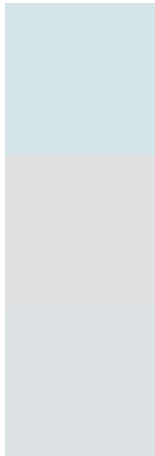
Deuteranomaly

226.2440, 2.4290, 5.5410

Tritanomaly

224.5950, -11.9210, 1.2870

Monochromacy



Original Color

223.9710, -10.2240, -1.9360

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

223.7330, -3.6220, -0.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.9710, -10.2240, -1.9360 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(213, 228, 232)` looks like.

```
.text, #text, p{  
    color:rgb(213, 228, 232)  
}
```

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(213, 228, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 228, 232) }
```

Border

The CSS property to change the border of an element to YIQ 223.9710, -10.2240, -1.9360 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(213, 228, 232) }
```


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

```
.border{ border-color:rgb(213, 228, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 228, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 228, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 228, 232);  
box-shadow:4px 4px 4px 4px rgb(213, 228,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 223.9710, -10.2240, -1.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 228, 232) }
```

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

```
.background{ background-color: rgb(213,  
228, 232) }
```

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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