

Converting Colors

YIQ(230.2510, 0.5510, -4.4810)

Have a look what the booklet for
YIQ(230.2510, 0.5510, -4.4810)
contains.

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Color

**YIQ(230.2510, 0.5510,
-4.4810)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E9DE
RGB	228, 233, 222
RGB Percent	89%, 91%, 87%
CMY	0.1059, 0.0862, 0.1294
CMYK	0.02, 0.00, 0.05, 0.09
HSL	87°, 20%, 89%
HSV	87°, 5%, 91%
XYZ	74.3181, 80.0463, 80.6427
YIQ	230.2510, 0.5510, -4.4810

Conversions

Conversions Part 2

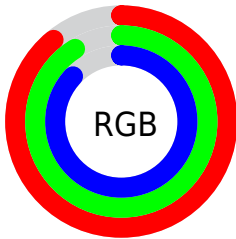
Format	Color
R _Y B	222, 233, 227
Decimal	15002078
CIE Lab	91.71, -3.62, 4.75
CIE LCh	92, 5.967, 127.292
Yxy	80.0463, 0.3162, 0.3406
Android (android.graphics.Color)	4293192158 (0xFFE4E9DE)
YUV	230.2510, -4.0677, -1.9741
Hunter-Lab	89.4686, -8.2970, 9.1869

Details

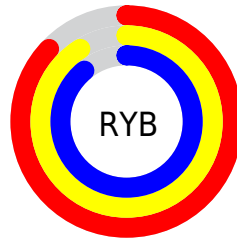
The YIQ color $230.2510, 0.5510, -4.4810$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $224.7490, -0.5510, 4.4810$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.6640, 0.8260, -3.9580$ is the 20% darker color. If you saturate the color by 10%, you get $224.3400, 1.3780, -13.9660$, and if you desaturate by 10%, it is $236.1620, -0.2760, 5.0040$.

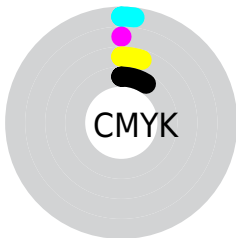
Distribution



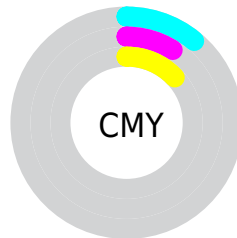
- Red (89%)
- Green (91%)
- Blue (87%)



- Red (87%)
- Yellow (91%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.2510, 0.5510, -4.4810 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 230.2510, 0.5510, -4.4810 by changing the saturation by 10% instead.

■ 230.2510, 0.5510,
-4.4810

■ 230.2510, 0.5510,
-4.4810

255.0000, -0.0000,
-0.0000

■ 202.2510, 0.5510,
-4.4810

■ 174.6640, 0.8260,
-3.9580

■ 148.3650, 0.2300,
-4.1700

■ 122.3650, 0.2300,
-4.1700

■ 97.7780, 0.5050,
-3.6470

■ 73.7780, 0.5050,
-3.6470

■ 50.8920, 0.1840,

-3.3360

■ 29.8920, 0.1840,
-3.3360

■ 5.2830, -2.4750,
-4.7070

■ 230.2510, 0.5510,
-4.4810

■ 230.2510, 0.5510,
-4.4810

■ 224.3400, 1.3780,
-13.9660

■ 236.1620, -0.2760,
5.0040

■ 218.6140, 3.1220,
-23.5500

■ 240.2920, 2.4740,
10.2340

■ 212.7030, 3.9490,
-33.0350

■ 242.0860, 6.0500,
11.5060

■ 207.0910, 5.3720,
-42.3080

■ 201.1800, 6.1990,
-51.7930

■ 195.1550, 7.3470,
-61.5890

■ 189.5430, 8.7700,
-70.8620

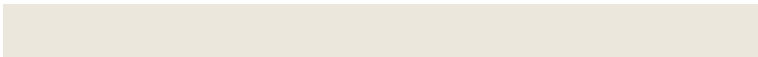
■ 183.6320, 9.5970,
-80.3470

■ 177.6070, 10.7450,
-90.1430

Harmonies

Analogous

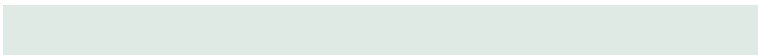
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.9420, 5.9150, -2.5730



230.2510, 0.5510, -4.4810



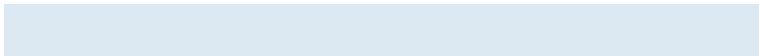
229.6140, -4.9050, -4.7210

Triad

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



230.2510, 0.5510, -4.4810



230.4380, -10.0410, 0.2550



232.4250, 9.1690, 4.5370

Complementary

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



230.2510, 0.5510, -4.4810



224.7490, -0.5510, 4.4810

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.



232.5000, 4.5840, 5.0320



230.2510, 0.5510, -4.4810



231.0580, -5.9150, 2.5730

Square

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



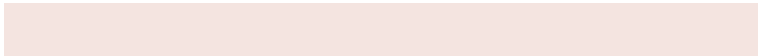
230.2510, 0.5510, -4.4810



229.6720, -10.8200, -2.1480



231.7490, -0.5510, 4.4810



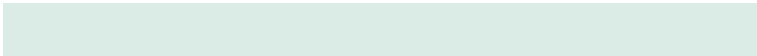
232.3280, 10.8200, 2.1480

Rectangle

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



230.2510, 0.5510, -4.4810



229.6460, -7.9310, -4.9470



231.7490, -0.5510, 4.4810



232.3540, 7.9310, 4.9470

Sweetspot

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



230.2510, 0.5510, -4.4810



254.3590, 0.3670, -1.1450



228.2240, 5.1810, -0.2830



127.4730, 0.0460, -0.8340



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.



230.2510, 0.5510, -4.4810



251.1970, 0.6430, -6.1490



228.7560, -2.4290, -5.5410



115.1910, 0.7800, -3.1240



135.8480, 9.2290, -73.6750



40.3690, 2.4340, -22.0940

Inverse Universe

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



224.7490, -0.5510, 4.4810



243.8030, -0.6430, 6.1490



226.2440, 2.4290, 5.5410



111.1080, -0.1840, 3.3360



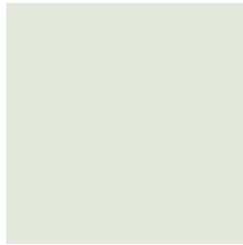
45.1520, -9.2290, 73.6750



13.3320, -3.0300, 21.8820

Previews

White Background



This preview shows how the YIQ color 230.2510, 0.5510, -4.4810 looks on a white background.

Color Contrast Check

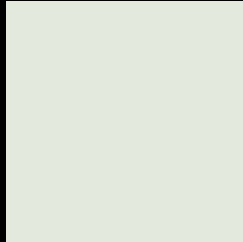
Large Text (above 18pt) WCAG AA × Fail

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 230.2510, 0.5510, -4.4810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

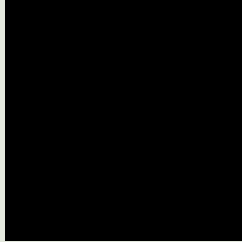
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

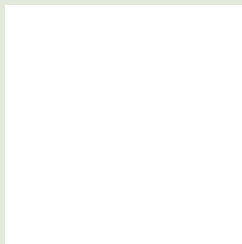
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 230.2510, 0.5510, -4.4810

Background



This preview shows how black text looks on a background with the YIQ color 230.2510, 0.5510, -4.4810.



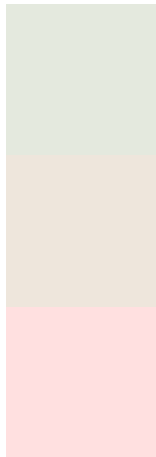
This preview shows how white text looks on a background with the YIQ color 230.2510, 0.5510, -4.4810.

-4.4810.

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

230.2510, 0.5510, -4.4810

Protanopia

231.2520, 7.9780, -1.4140

Deuteranopia

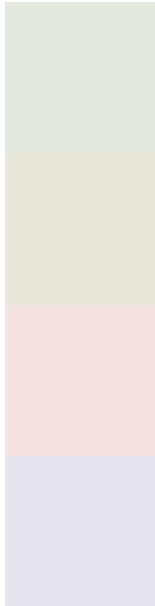
233.2690, 18.4760, 6.5720



Tritanopia

231.9490, -3.9900, 6.2340

Trichromacy



Original Color

230.2510, 0.5510, -4.4810

Protanomaly

230.7570, 4.9980, -2.4740

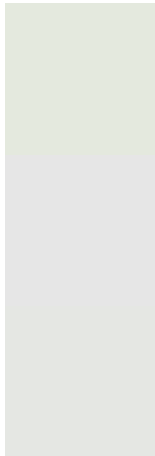
Deuteranomaly

231.9260, 12.0120, 2.5720

Tritanomaly

231.2110, -1.9720, 2.7000

Monochromacy



Original Color

230.2510, 0.5510, -4.4810

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

229.9460, 0.0920, -1.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.2510, 0.5510, -4.4810 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(228, 233, 222)` looks like.

```
.text, #text, p{  
    color:rgb(228, 233, 222)  
}
```

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(228, 233, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 233, 222) }
```

Border

The CSS property to change the border of an element to YIQ 230.2510, 0.5510, -4.4810 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(228, 233, 222) }
```


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

```
.border{ border-color:rgb(228, 233, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 233, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 233, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 233, 222);  
box-shadow:4px 4px 4px 4px rgb(228, 233,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 230.2510, 0.5510, -4.4810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 233, 222) }
```

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

```
.background{ background-color: rgb(228,  
233, 222) }
```

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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