

Converting Colors

YIQ(224.3850, -2.5220, 1.6540)

Have a look what the booklet for
YIQ(224.3850, -2.5220, 1.6540)
contains.

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Color

**YIQ(224.3850, -2.5220,
1.6540)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE0E6
RGB	223, 224, 230
RGB Percent	87%, 88%, 90%
CMY	0.1255, 0.1215, 0.0980
CMYK	0.03, 0.03, 0.00, 0.10
HSL	231°, 12%, 89%
HSV	231°, 3%, 90%
XYZ	71.3697, 74.7125, 85.5195
YIQ	224.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

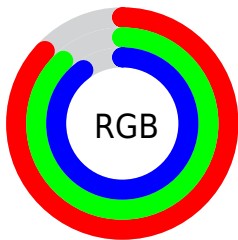
Format	Color
R_{YB}	223, 224, 230
Decimal	14672102
CIE Lab	89.26, 0.76, -3.05
CIE LCh	89, 3.143, 284.002
Yxy	74.7125, 0.3082, 0.3226
Android (android.graphics.Color)	4292862182 (0xFFDFE0E6)
YUV	224.3850, 2.7682, -1.2146
Hunter-Lab	86.4364, -3.8780, 1.8444

Details

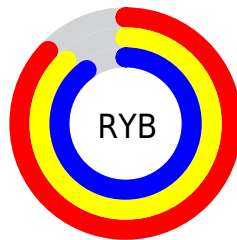
The YIQ color $224.3850, -2.5220, 1.6540$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $228.6150, 2.5220, -1.6540$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $169.3850, -2.5220, 1.6540$ is the 20% darker color. If you saturate the color by 10%, you get $205.7680, -10.7300, 7.2380$, and if you desaturate by 10%, it is $243.0020, 5.6860, -3.9300$.

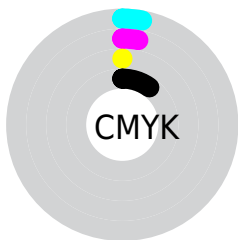
Distribution



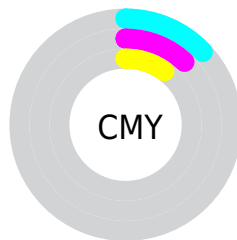
- Red (87%)
- Green (88%)
- Blue (90%)



- Red (87%)
- Yellow (88%)
- Blue (90%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (13%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.3850, -2.5220, 1.6540 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 224.3850, -2.5220, 1.6540 by changing the saturation by 10% instead.

■ 224.3850, -2.5220,
1.6540

■ 224.3850, -2.5220,
1.6540

255.0000, -0.0000,
-0.0000

■ 196.3850, -2.5220,
1.6540

■ 169.3850, -2.5220,
1.6540

■ 142.3850, -2.5220,
1.6540

■ 117.2710, -2.2010,
1.3430

■ 92.2710, -2.2010,
1.3430

■ 69.2710, -2.2010,
1.3430

■ 47.1570, -1.8800,

1.0320

■ 26.1570, -1.8800,
1.0320

■ 0.4560, -1.2840,
1.2440

■ 224.3850, -2.5220,
1.6540

■ 224.3850, -2.5220,
1.6540

■ 205.7680,
-10.7300, 7.2380

■ 243.0020, 5.6860,
-3.9300

■ 187.7380,
-19.2130, 12.2990

■ 252.1500, 8.0250,
-7.7750

■ 169.1210,
-27.4210, 17.8830

■ 150.5040,
-35.6290, 23.4670

■ 132.4740,
-44.1120, 28.5280

■ 113.8570,
-52.3200, 34.1120

■ 95.2400, -60.5280,
39.6960

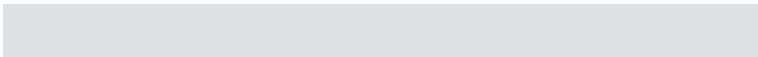
■ 76.6230, -68.7360,
45.2800

■ 58.5930, -77.2190,
50.3410

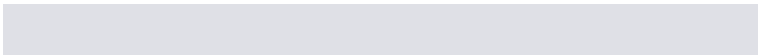
Harmonies

Analogous

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



224.0750, -4.5850, 0.4950



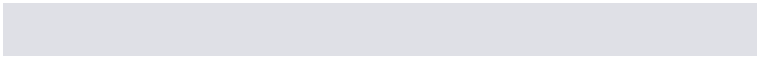
224.3850, -2.5220, 1.6540



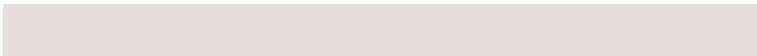
224.8800, 0.4580, 2.7140

Triad

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



224.3850, -2.5220, 1.6540



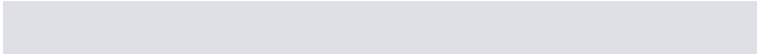
225.0500, 5.7310, 0.7630



223.4510, -2.8880, -2.7280

Complementary

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



224.3850, -2.5220, 1.6540



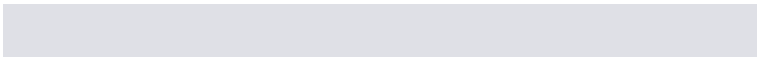
228.6150, 2.5220, -1.6540

Split Complementary

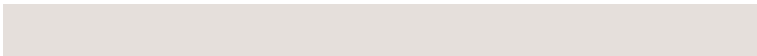
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.5330, -0.1830, -2.1910



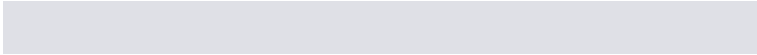
224.3850, -2.5220, 1.6540



224.3380, 4.8600, 0.0280

Square

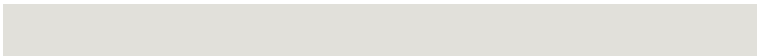
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.3850, -2.5220, 1.6540



224.8050, 5.0430, 2.2190



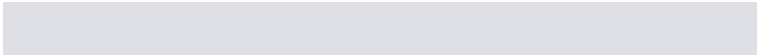
223.6150, 2.5220, -1.6540



223.3090, -5.3640, -1.9080

Rectangle

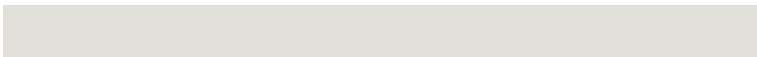
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224.3850, -2.5220, 1.6540



225.2500, 2.2920, 2.5160



223.6150, 2.5220, -1.6540



223.7500, -2.2920, -2.5160

Sweetspot

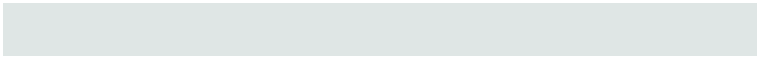
The Sweet Spot groups the original color and five complimentary colors.



224.3850, -2.5220, 1.6540



252.9290, -1.2380, 0.4100



227.7930, -3.8510, -1.7950



126.2280, -0.6420, 0.6220



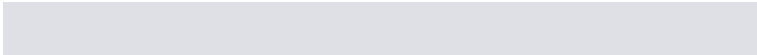
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



224.3850, -2.5220, 1.6540



246.7270, -3.4850, 2.5870



224.3960, -1.0550, 2.6010



110.2710, -2.2010, 1.3430



35.6680, -64.6090, 42.0710



9.9230, -18.2960, 12.2000

Inverse Universe

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



225.2070, 3.8510, 1.7950



248.1040, 5.6390, 2.4310



228.6040, 1.0550, -2.6010



110.9080, 3.2550, 1.5830



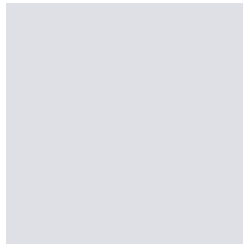
56.4850, 98.3380, 46.0340



16.0470, 28.1490, 12.9890

Previews

White Background



This preview shows how the YIQ color 224.3850, -2.5220, 1.6540 looks on a white background.

Color Contrast Check

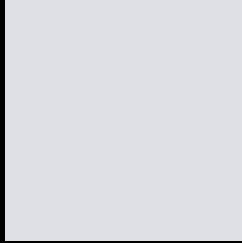
Large Text (above 18pt) WCAG AA × Fail

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 224.3850, -2.5220, 1.6540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

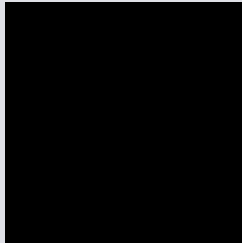
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

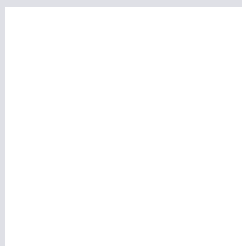
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 224.3850, -2.5220, 1.6540

Background



This preview shows how black text looks on a background with the YIQ color 224.3850, -2.5220, 1.6540.



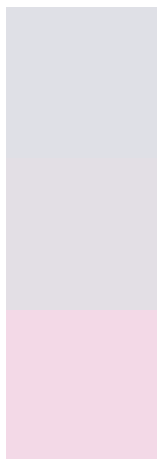
This preview shows how white text looks on a background with the YIQ color 224.3850, -2.5220,

1.6540.

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

224.3850, -2.5220, 1.6540

Protanopia

224.8800, 0.4580, 2.7140

Deuteranopia

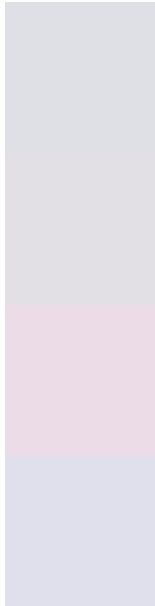
226.3700, 11.0020, 9.8660



Tritanopia

224.9490, -3.9900, 6.2340

Trichromacy



Original Color

224.3850, -2.5220, 1.6540

Protanomaly

224.5810, -0.1380, 2.5020

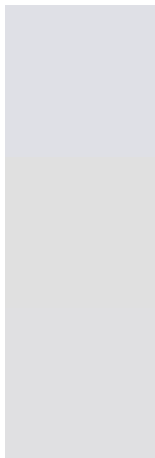
Deuteranomaly

226.0380, 6.0050, 6.8130

Tritanomaly

224.7810, -3.5770, 4.2550

Monochromacy



Original Color

224.3850, -2.5220, 1.6540

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.2280, -0.6420, 0.6220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.3850, -2.5220, 1.6540 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(223, 224, 230)` looks like.

```
.text, #text, p{  
    color:rgb(223, 224, 230)  
}
```

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(223, 224, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 224, 230) }
```

Border

The CSS property to change the border of an element to YIQ 224.3850, -2.5220, 1.6540 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(223, 224, 230) }
```


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

```
.border{ border-color:rgb(223, 224, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 224, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 224, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 224, 230);  
box-shadow:4px 4px 4px 4px rgb(223, 224,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 224.3850, -2.5220, 1.6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 224, 230) }
```

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

```
.background{ background-color: rgb(223,  
224, 230) }
```

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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