

Converting Colors

YIQ(216.0260, 22.3330,
-24.7950)

Have a look what the booklet for
YIQ(216.0260, 22.3330, -24.7950)
contains.

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Color

**YIQ(216.0260, 22.3330,
-24.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE295
RGB	222, 226, 149
RGB Percent	87%, 89%, 58%
CMY	0.1295, 0.1137, 0.4155
CMYK	0.02, 0.00, 0.34, 0.11
HSL	63°, 57%, 74%
HSV	63°, 34%, 89%
XYZ	62.7443, 72.0919, 39.0578
YIQ	216.0260, 22.3330, -24.7950

Conversions

Conversions Part 2

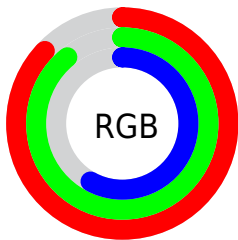
Format	Color
RYB	149, 226, 153
Decimal	14606997
CIELab	88.01, -12.97, 37.23
CIELCh	88, 39.422, 109.210
Yxy	72.0919, 0.3608, 0.4146
Android (android.graphics.Color)	4292797077 (0xFFDEE295)
YUV	216.0260, -33.0438, 5.2392
Hunter-Lab	84.9070, -16.6798, 32.1611

Details

The YIQ color $216.0260, 22.3330, -24.7950$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $158.9740, -22.3330, 24.7950$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.1860, 16.3710, -15.8610$, and $161.0690, 20.7740, -24.0740$ is the 20% darker color. If you saturate the color by 10%, you get $213.1050, 29.1200, -32.1600$, and if you desaturate by 10%, it is $218.9470, 15.5460, -17.4300$.

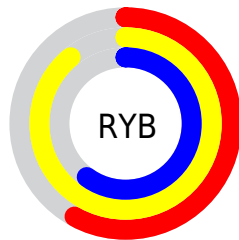
Distribution



Red (87%)

Green (89%)

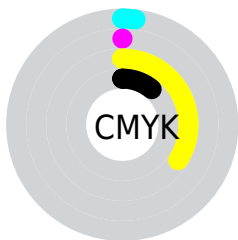
Blue (58%)



Red (58%)

Yellow (89%)

Blue (60%)

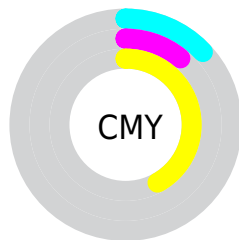


Cyan (2%)

Magenta (0%)

Yellow (34%)

Black (11%)



Cyan (13%)

Magenta (11%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.0260, 22.3330, -24.7950 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 216.0260, 22.3330, -24.7950 by changing the saturation by 10% instead.

■ 216.0260, 22.3330,
-24.7950

■ 216.0260, 22.3330,
-24.7950

255.0000, -0.0000,
-0.0000

■ 188.2540, 21.6910,
-24.1730

■ 249.1860, 16.3710,
-15.8610

■ 161.0690, 20.7740,
-24.0740

■ 252.3780, 7.3830,
-7.1530

■ 134.2970, 20.1320,
-23.4520

■ 108.8130, 18.6190,
-23.5650

■ 83.9270, 18.2980,
-23.2540

■ 59.6280, 17.7020,
-23.4660

■ 39.8370, 10.0440,

-16.8360

■ 19.7250, -1.1440,
-12.3120

■ 0.0000, 0.0000,
0.0000

■ 216.0260, 22.3330,
-24.7950

■ 216.0260, 22.3330,
-24.7950

■ 213.1050, 29.1200,
-32.1600

■ 218.9470, 15.5460,
-17.4300

■ 210.2980, 35.5860,
-39.2140

■ 221.7540, 9.0800,
-10.3760

■ 207.0780, 41.7770,
-46.7910

■ 224.9740, 2.8890,
-2.7990

■ 204.2710, 48.2430,
-53.8450

■ 227.7810, -3.5770,
4.2550

■ 201.3500, 55.0300,
-61.2100

■ 229.9040, -8.1170,
9.4430

■ 198.4290, 61.8170,
-68.5750

■ 230.2030, -7.5210,
9.6550

■ 196.6480, 65.3940,
-72.8300

■ 230.5020, -6.9250,
9.8670

■ 230.8010, -6.3290,
10.0790

■ 231.3990, -5.1370,
10.5030

Harmonies

Analogous

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



218.6210, 45.9430, -12.1450



216.0260, 22.3330, -24.7950



210.9600, -12.8320, -31.7760

Triad

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



216.0260, 22.3330, -24.7950



198.3880, -86.8340, -23.2340



217.0270, 22.8740, 25.9940

Complementary

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



216.0260, 22.3330, -24.7950



158.9740, -22.3330, 24.7950

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.



224.4760, 14.3000, 27.1960



216.0260, 22.3330, -24.7950



207.4570, -55.7510, -8.3510

Square

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



216.0260, 22.3330, -24.7950



198.5850, -86.1910, -29.3830



217.7550, -17.8830, 10.2210



212.1080, 35.3470, 14.6990

Rectangle

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



216.0260, 22.3330, -24.7950



206.8460, -38.8740, -33.3860



217.7550, -17.8830, 10.2210



219.5690, 18.4720, 28.6800

Sweetspot

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



216.0260, 22.3330, -24.7950



251.8510, 7.4290, -7.9870



174.3710, 44.7920, 14.2320



125.8770, 4.5400, -5.1880



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.



216.0260, 22.3330, -24.7950



241.5350, 30.7250, -33.7150



204.6640, -0.3150, -32.8510



110.7460, 3.5310, -3.4210



153.2450, 51.1320, -56.6440



41.9300, 14.2160, -15.3520

Inverse Universe

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



158.9740, -22.3330, 24.7950



163.7640, -30.1290, 33.9270



170.3360, 0.3150, 32.8510



102.5530, -2.9350, 3.6330



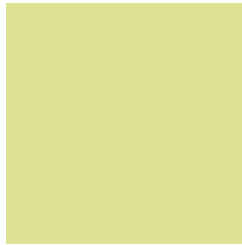
22.7550, -51.1320, 56.6440



6.3690, -13.6200, 15.5640

Previews

White Background



This preview shows how the YIQ color 216.0260, 22.3330, -24.7950 looks on a white background.

Color Contrast Check

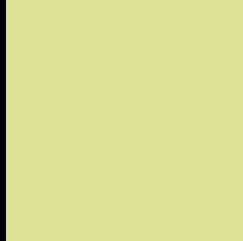
Large Text (above 18pt) WCAG AA × Fail

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 216.0260, 22.3330, -24.7950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

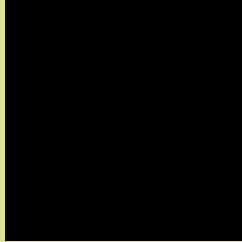
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

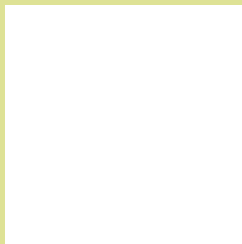
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 216.0260, 22.3330, -24.7950

Background



This preview shows how black text looks on a background with the YIQ color 216.0260, 22.3330, -24.7950.



This preview shows how white text looks on a background with the YIQ color 216.0260, 22.3330,

-24.7950.

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

216.0260, 22.3330, -24.7950

Protanopia

217.3590, 34.7570, -18.6750

Deuteranopia

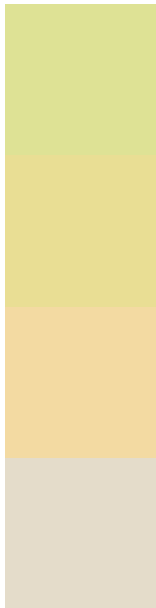
220.5420, 39.1560, -4.7800



Tritanopia

222.7220, 4.0790, 8.6790

Trichromacy



Original Color

216.0260, 22.3330, -24.7950

Protanomaly

216.8530, 30.3100, -20.6820

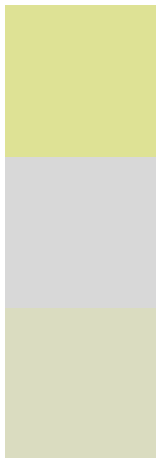
Deuteranomaly

219.0910, 32.8760, -12.1160

Tritanomaly

220.3400, 10.5460, -3.9020

Monochromacy



Original Color

216.0260, 22.3330, -24.7950

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.2100, 7.7960, -9.1320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.0260, 22.3330, -24.7950 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(222, 226, 149)` looks like.

```
.text, #text, p{  
    color:rgb(222, 226, 149)  
}
```

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(222, 226, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 226, 149) }
```

Border

The CSS property to change the border of an element to YIQ 216.0260, 22.3330, -24.7950 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(222, 226, 149) }
```


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

```
.border{ border-color:rgb(222, 226, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 226, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 226, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 226, 149);  
box-shadow:4px 4px 4px 4px rgb(222, 226,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 216.0260, 22.3330, -24.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 226, 149) }
```

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

```
.background{ background-color: rgb(222,  
226, 149) }
```

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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