

Converting Colors

YIQ(219.6600, 14.6760,
-23.6920)

Have a look what the booklet for
YIQ(219.6600, 14.6760, -23.6920)
contains.

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Color

**YIQ(219.6600, 14.6760,
-23.6920)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DBE7A3 |
| RGB | 219, 231, 163 |
| RGB Percent | 86%, 91%, 64% |
| CMY | 0.1412, 0.0941, 0.3607 |
| CMYK | 0.05, 0.00, 0.29, 0.09 |
| HSL | 71°, 59%, 77% |
| HSV | 71°, 29%, 91% |
| XYZ | 64.3986, 74.8572, 45.7183 |
| YIQ | 219.6600, 14.6760, -23.6920 |

Conversions

Conversions Part 2

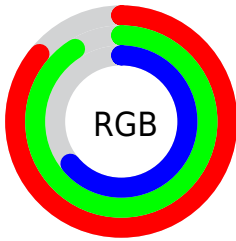
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 163, 231, 175 |
| Decimal | 14411683 |
| CIELab | 89.33, -14.84, 31.83 |
| CIELCh | 89, 35.121, 114.992 |
| Yxy | 74.8572, 0.3481, 0.4047 |
| Android (android.graphics.Color) | 4292601763 (0xFFDBE7A3) |
| YUV | 219.6600, -27.9334, -0.5788 |
| Hunter-Lab | 86.5200, -18.5488, 29.2344 |

Details

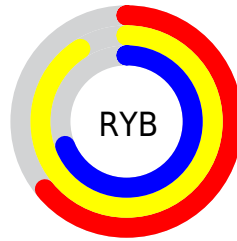
The YIQ color **219.6600, 14.6760, -23.6920** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **174.3400, -14.6760, 23.6920**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.7820, 11.8770, -11.5070**, and **164.1160, 13.3920, -22.4480** is the 20% darker color. If you saturate the color by 10%, you get **215.8420, 19.6750, -31.6930**, and if you desaturate by 10%, it is **223.4780, 9.6770, -15.6910**.

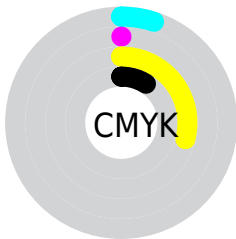
Distribution



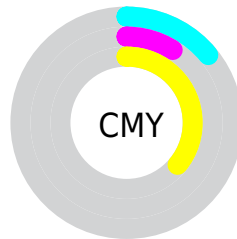
- Red (86%)
- Green (91%)
- Blue (64%)



- Red (64%)
- Yellow (91%)
- Blue (69%)



- Cyan (5%)
- Magenta (0%)
- Yellow (29%)
- Black (9%)



- Cyan (14%)
- Magenta (9%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.6600, 14.6760, -23.6920 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 219.6600, 14.6760, -23.6920 by changing the saturation by 10% instead.

■ 219.6600, 14.6760,
-23.6920

■ 219.6600, 14.6760,
-23.6920

■ 255.0000, -0.0000,
-0.0000

■ 191.7740, 14.3550,
-23.3810

■ 250.7820, 11.8770,
-11.5070

■ 164.1160, 13.3920,
-22.4480

■ 254.0880, 2.5680,
-2.4880

■ 137.9310, 12.4750,
-22.3490

■ 112.1590, 11.8330,
-21.7270

■ 87.2730, 11.5120,
-21.4160

■ 63.3870, 11.1910,
-21.1050

■ 42.1850, 8.9440,

-18.9280

■ 22.0840, -0.7770,
-13.4570

■ 0.0000, 0.0000,
0.0000

■ 219.6600, 14.6760,
-23.6920

■ 219.6600, 14.6760,
-23.6920

■ 215.8420, 19.6750,
-31.6930

■ 223.4780, 9.6770,
-15.6910

■ 212.0240, 24.6740,
-39.6940

■ 227.2960, 4.6780,
-7.6900

■ 208.2060, 29.6730,
-47.6950

■ 231.1140, -0.3210,
0.3110

■ 204.3880, 34.6720,
-55.6960

■ 234.9320, -5.3200,
8.3120

■ 200.5700, 39.6710,
-63.6970

■ 236.1280, -2.9360,
9.1600

■ 196.3390, 44.3950,
-72.2210

■ 237.6230, 0.0440,
10.2200

■ 192.5210, 49.3940,
-80.2220

■ 238.8190, 2.4280,
11.0680

■ 192.4070, 49.7150,
-80.5330

■ 240.0150, 4.8120,
11.9160

■ 240.9120, 6.6000,
12.5520

Harmonies

Analogous

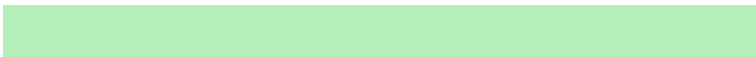
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.0980, 40.1660, -12.0740



219.6600, 14.6760, -23.6920



215.2030, -17.8300, -29.3020

Triad

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



219.6600, 14.6760, -23.6920



208.2440, -68.6330, -17.1850



219.9790, 22.8290, 21.3010

Complementary

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



219.6600, 14.6760, -23.6920



174.3400, -14.6760, 23.6920

Split Complementary

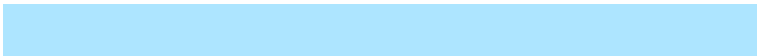
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.8240, 13.2000, 25.1040



219.6600, 14.6760, -23.6920



215.2200, -41.7220, -3.7860

Square

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



219.6600, 14.6760, -23.6920



207.2490, -76.1970, -23.2770



223.4140, -9.4930, 12.3550



216.8040, 33.1470, 10.5150

Rectangle

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



219.6600, 14.6760, -23.6920



211.8830, -40.2960, -29.6400



223.4140, -9.4930, 12.3550



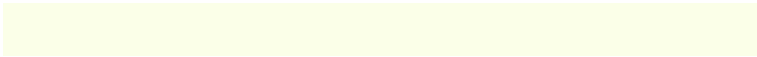
222.5210, 18.4270, 23.9870

Sweetspot

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



219.6600, 14.6760, -23.6920



251.1820, 4.9990, -8.0010



189.7890, 37.5030, 8.6630



125.3930, 3.0270, -5.3010



0.0000, 0.0000, 0.0000



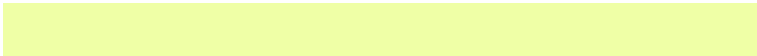
128.0000, -0.0000, -0.0000

Same Dimension

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



219.6600, 14.6760, -23.6920



240.0700, 19.0330, -31.0710



209.7930, -4.9920, -30.6880



113.0340, 2.6600, -4.1560



149.0260, 38.3870, -62.4530



42.4950, 11.0070, -17.7690

Inverse Universe

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



174.3400, -14.6760, 23.6920



180.9300, -19.0330, 31.0710



184.2070, 4.9920, 30.6880



104.9660, -2.6600, 4.1560



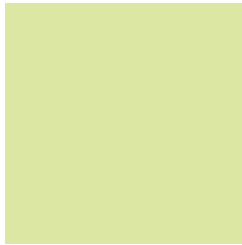
29.9740, -38.3870, 62.4530



8.5050, -11.0070, 17.7690

Previews

White Background



This preview shows how the YIQ color 219.6600, 14.6760, -23.6920 looks on a white background.

Color Contrast Check

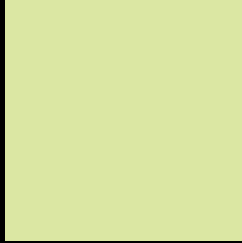
Large Text (above 18pt) WCAG AA × Fail

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 219.6600, 14.6760, -23.6920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

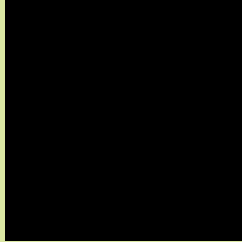
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

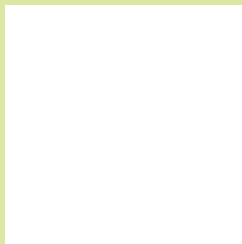
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.6600, 14.6760, -23.6920

Background



This preview shows how black text looks on a background with the YIQ color 219.6600, 14.6760, -23.6920.



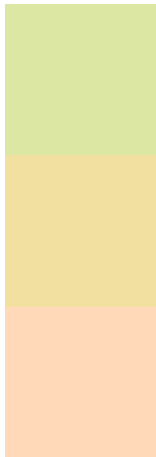
This preview shows how white text looks on a background with the YIQ color 219.6600, 14.6760,

-23.6920.

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

219.6600, 14.6760, -23.6920

Protanopia

222.0860, 31.2720, -16.0880

Deuteranopia

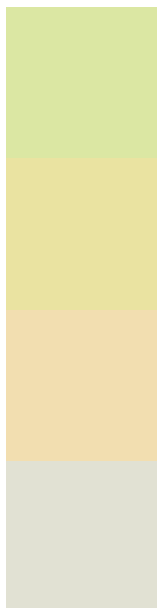
224.6000, 33.2410, -2.2070



Tritanopia

225.4440, -1.0100, 7.2940

Trichromacy



Original Color

219.6600, 14.6760, -23.6920

Protanomaly

221.5690, 25.3580, -19.0420

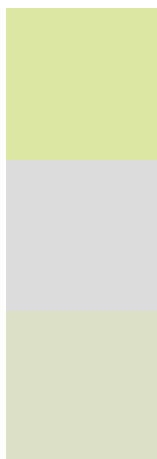
Deuteranomaly

222.7360, 26.6860, -10.0660

Tritanomaly

223.4040, 4.4940, -4.3540

Monochromacy



Original Color

219.6600, 14.6760, -23.6920

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.9540, 5.6410, -8.6230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.6600, 14.6760, -23.6920 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, 231, 163)` looks like.

```
.text, #text, p{  
    color:rgb(219, 231, 163)  
}
```

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, 231, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 231, 163) }
```

Border

The CSS property to change the border of an element to YIQ 219.6600, 14.6760, -23.6920 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, 231, 163) }
```


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

```
.border{ border-color:rgb(219, 231, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 231, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 231, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 231, 163);  
box-shadow:4px 4px 4px 4px rgb(219, 231,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 219.6600, 14.6760, -23.6920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 231, 163) }
```

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

```
.background{ background-color: rgb(219,  
231, 163) }
```

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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