

Converting Colors

YIQ(225.6190, 4.7260, -19.5780)

Have a look what the booklet for
YIQ(225.6190, 4.7260, -19.5780)
contains.

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Color

**YIQ(225.6190, 4.7260,
-19.5780)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DAEDBB |
| RGB | 218, 237, 187 |
| RGB Percent | 85%, 93%, 73% |
| CMY | 0.1452, 0.0705, 0.2666 |
| CMYK | 0.08, 0.00, 0.21, 0.07 |
| HSL | 83°, 58%, 83% |
| HSV | 83°, 21%, 93% |
| XYZ | 68.1653, 79.0638, 58.6901 |
| YIQ | 225.6190, 4.7260, -19.5780 |

Conversions

Conversions Part 2

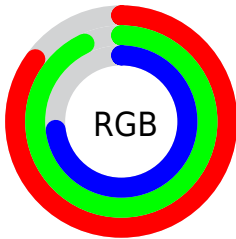
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 187, 237, 206 |
| Decimal | 14347707 |
| CIELab | 91.26, -14.79, 22.17 |
| CIELCh | 91, 26.649, 123.704 |
| Yxy | 79.0638, 0.3310, 0.3840 |
| Android (android.graphics.Color) | 4292537787 (0xFFDAEDBB) |
| YUV | 225.6190, -19.0392, -6.6819 |
| Hunter-Lab | 88.9178, -18.7664, 23.1082 |

Details

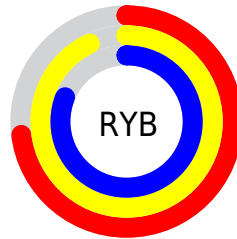
The YIQ color $225.6190, 4.7260, -19.5780$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $198.3810, -4.7260, 19.5780$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.6320, 3.8520, -3.7320$, and $170.2600, 4.3590, -18.4330$ is the 20% darker color. If you saturate the color by 10%, you get $220.1920, 7.0660, -28.9500$, and if you desaturate by 10%, it is $231.0460, 2.3860, -10.2060$.

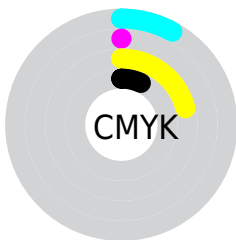
Distribution



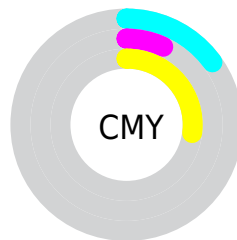
- Red (85%)
- Green (93%)
- Blue (73%)



- Red (73%)
- Yellow (93%)
- Blue (81%)



- Cyan (8%)
- Magenta (0%)
- Yellow (21%)
- Black (7%)





- Cyan (15%)
- Magenta (7%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.6190, 4.7260, -19.5780 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 225.6190, 4.7260, -19.5780 by changing the saturation by 10% instead.


 225.6190, 4.7260,
-19.5780

 225.6190, 4.7260,
-19.5780


255.0000, -0.0000,
-0.0000


 197.7330, 4.4050,
-19.2670


 253.6320, 3.8520,
-3.7320

 170.2600, 4.3590,
-18.4330

 143.3740, 4.0380,
-18.1220

 117.9010, 3.9920,
-17.2880

 93.0150, 3.6710,
-16.9770

 69.2430, 3.0290,
-16.3550

 46.3570, 2.7080,

-16.0440

■ 25.6390, 1.9740,
-13.7540

■ 5.2830, -2.4750,
-4.7070

■ 225.6190, 4.7260,
-19.5780

■ 225.6190, 4.7260,
-19.5780

■ 220.1920, 7.0660,
-28.9500

■ 231.0460, 2.3860,
-10.2060

■ 214.8790, 9.0850,
-38.0110

■ 236.3590, 0.3670,
-1.1450

■ 209.4520, 11.4250,
-47.3830

■ 241.4440, -1.0100,
7.2940

■ 204.0250, 13.7650,
-56.7550

■ 244.1350, 4.3540,
9.2020

■ 198.7120, 15.7840,
-65.8160

■ 244.4340, 4.9500,
9.4140

■ 193.2850, 18.1240,
-75.1880

■ 187.8580, 20.4640,
-84.5600

■ 183.0720, 22.4370,
-92.7870

Harmonies

Analogous

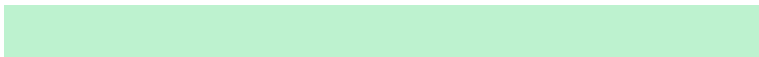
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.3830, 26.1820, -11.9460



225.6190, 4.7260, -19.5780



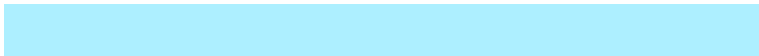
222.1630, -20.3530, -22.1210

Triad

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



225.6190, 4.7260, -19.5780



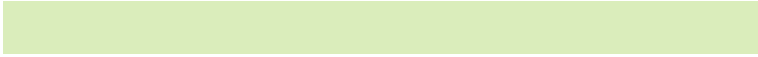
221.0900, -44.4720, -9.0160



226.6810, 20.4920, 14.0920

Complementary

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



225.6190, 4.7260, -19.5780



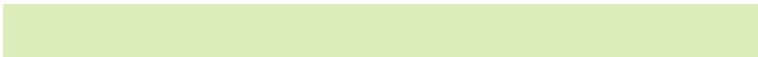
198.3810, -4.7260, 19.5780

Split Complementary

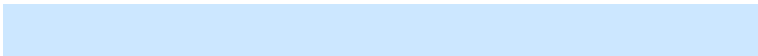
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.2920, 11.6420, 20.2980



225.6190, 4.7260, -19.5780



225.6630, -23.7960, 1.7400

Square

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



225.6190, 4.7260, -19.5780



219.2520, -53.9160, -14.0760



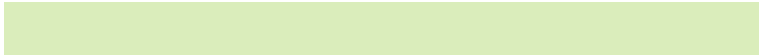
230.5460, -1.0570, 13.6550



225.0050, 27.9670, 5.2710

Rectangle

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



225.6190, 4.7260, -19.5780



220.3770, -35.5750, -21.5830



230.5460, -1.0570, 13.6550



227.5930, 17.9240, 16.5800

Sweetspot

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



225.6190, 4.7260, -19.5780



251.4960, 1.2390, -5.9370



212.5160, 24.8500, 1.1860



125.7780, 0.5050, -3.6470



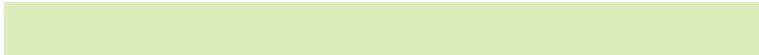
0.0000, 0.0000, 0.0000



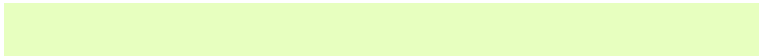
128.0000, -0.0000, -0.0000

Same Dimension

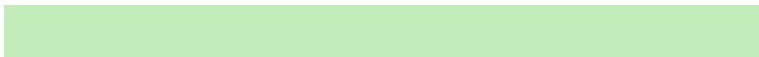
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.6190, 4.7260, -19.5780



240.5280, 6.2400, -24.9920



218.4430, -9.5780, -24.6660



114.5500, 1.1470, -4.2690



139.7350, 16.9770, -70.9190



41.5650, 4.8180, -21.2460

Inverse Universe

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



198.3810, -4.7260, 19.5780



205.7710, -5.6440, 25.2040



205.5570, 9.5780, 24.6660



108.4500, -1.1470, 4.2690



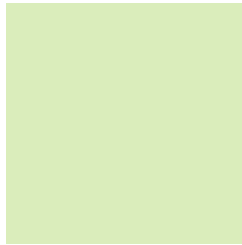
41.2650, -16.9770, 70.9190



12.1360, -5.4140, 21.0340

Previews

White Background



This preview shows how the YIQ color 225.6190, 4.7260, -19.5780 looks on a white background.

Color Contrast Check

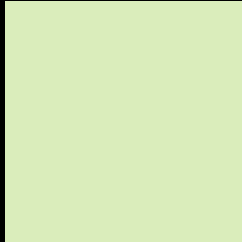
Large Text (above 18pt) WCAG AA × Fail

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 225.6190, 4.7260, -19.5780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

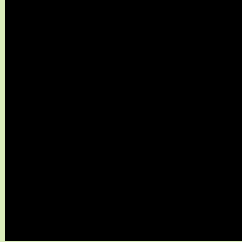
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

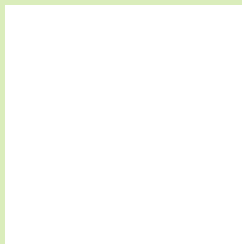
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 225.6190, 4.7260, -19.5780

Background



This preview shows how black text looks on a background with the YIQ color 225.6190, 4.7260, -19.5780.



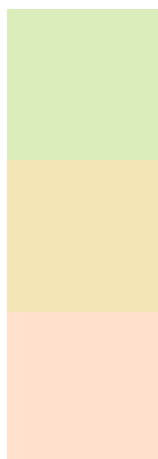
This preview shows how white text looks on a background with the YIQ color 225.6190, 4.7260, -19.5780.

-19.5780.

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

225.6190, 4.7260, -19.5780

Protanopia

228.2410, 23.7060, -11.1260

Deuteranopia

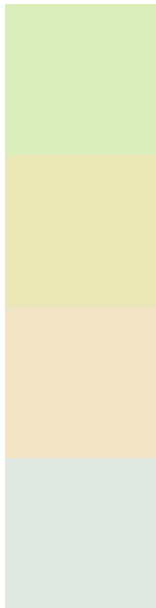
230.9890, 24.8960, 0.3520



Tritanopia

230.4540, -6.9700, 5.1740

Trichromacy



Original Color

225.6190, 4.7260, -19.5780

Protanomaly

227.4250, 17.1960, -14.2920

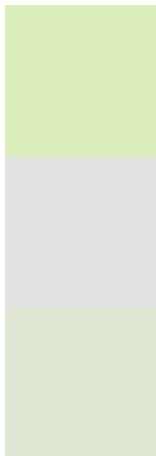
Deuteranomaly

229.3530, 17.6990, -6.8850

Tritanomaly

228.8100, -2.5210, -3.8730

Monochromacy



Original Color

225.6190, 4.7260, -19.5780

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

225.8550, 1.6060, -7.0820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.6190, 4.7260, -19.5780 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(218, 237, 187)` looks like.

```
.text, #text, p{  
    color:rgb(218, 237, 187)  
}
```

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(218, 237, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 237, 187) }
```

Border

The CSS property to change the border of an element to YIQ 225.6190, 4.7260, -19.5780 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(218, 237, 187) }
```


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

```
.border{ border-color:rgb(218, 237, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 237, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 237, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 237, 187); box-shadow:4px 4px 4px 4px rgb(218, 237, 187) }
```

Background

The CSS property to change the background color of an element to YIQ 225.6190, 4.7260, -19.5780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 237, 187) }
```

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

```
.background{ background-color: rgb(218,  
237, 187) }
```

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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