

Converting Colors

YIQ(226.0830, 8.9910, -25.2890)

Have a look what the booklet for
YIQ(226.0830, 8.9910, -25.2890)
contains.

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Color

**YIQ(226.0830, 8.9910,
-25.2890)**

Conversions

Conversions Part 1

Format	Color
Hex	DBF0AD
RGB	219, 240, 173
RGB Percent	86%, 94%, 68%
CMY	0.1413, 0.0588, 0.3215
CMYK	0.09, 0.00, 0.28, 0.06
HSL	79°, 69%, 81%
HSV	79°, 28%, 94%
XYZ	67.9140, 80.3997, 51.4857
YIQ	226.0830, 8.9910, -25.2890

Conversions

Conversions Part 2

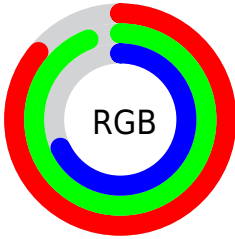
Format	Color
R_{YB}	173, 240, 194
Decimal	14413997
CIE _{Lab}	91.86, -17.93, 30.16
CIE _{LCh}	92, 35.085, 120.729
Yxy	80.3997, 0.3399, 0.4024
Android (android.graphics.Color)	4292604077 (0xFFDBF0AD)
YUV	226.0830, -26.1699, -6.2118
Hunter-Lab	89.6659, -21.7173, 28.7221

Details

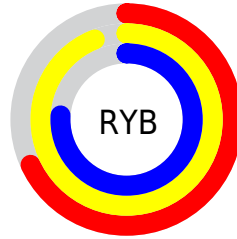
The YIQ color $226.0830, 8.9910, -25.2890$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $186.9170, -8.9910, 25.2890$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0360, 8.3460, -8.0860$, and $170.4250, 8.0280, -24.3560$ is the 20% darker color. If you saturate the color by 10%, you get $220.9550, 11.9270, -34.4490$, and if you desaturate by 10%, it is $231.2110, 6.0550, -16.1290$.

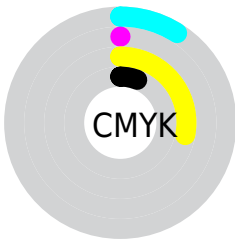
Distribution



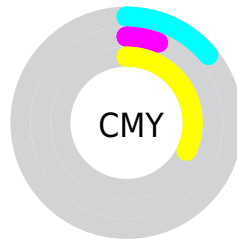
- Red (86%)
- Green (94%)
- Blue (68%)



- Red (68%)
- Yellow (94%)
- Blue (76%)



- Cyan (9%)
- Magenta (0%)
- Yellow (28%)
- Black (6%)





- Cyan (14%)
- Magenta (6%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 226.0830, 8.9910, -25.2890 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 226.0830, 8.9910, -25.2890 by changing the saturation by 10% instead.

 226.0830, 8.9910,
-25.2890

 226.0830, 8.9910,
-25.2890


255.0000, -0.0000,
-0.0000


 198.1970, 8.6700,
-24.9780


 252.0360, 8.3460,
-8.0860

 170.4250, 8.0280,
-24.3560

 143.9520, 7.9820,
-23.5220

 118.1800, 7.3400,
-22.9000

 93.2940, 7.0190,
-22.5890

 69.1090, 6.1020,
-22.4900

 45.4080, 6.6980,

-22.2780

■ 26.2040, -1.2350,
-16.1710

■ 7.6310, -3.5750,
-6.7990

■ 226.0830, 8.9910,
-25.2890

■ 226.0830, 8.9910,
-25.2890

■ 220.9550, 11.9270,
-34.4490

■ 231.2110, 6.0550,
-16.1290

■ 216.1260, 15.4590,
-43.3970

■ 236.0400, 2.5230,
-7.1810

■ 210.9980, 18.3950,
-52.5570

■ 241.1680, -0.4130,
1.9790

■ 206.1690, 21.9270,
-61.5050

■ 244.4010, 0.5490,
6.5730

■ 201.0410, 24.8630,
-70.6650

■ 246.1950, 4.1250,
7.8450

■ 196.2120, 28.3950,
-79.6130

■ 191.0840, 31.3310,
-88.7730

■ 190.2150, 32.3400,
-90.5400

Harmonies

Analogous

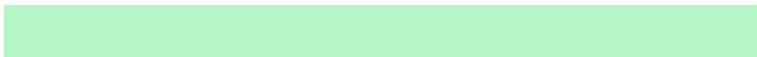
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.9510, 36.0860, -15.2260



226.0830, 8.9910, -25.2890



221.3810, -24.2030, -29.4430

Triad

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



226.0830, 8.9910, -25.2890



215.9520, -61.9390, -17.3550



224.2020, 20.5830, 17.9510

Complementary

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



226.0830, 8.9910, -25.2890



186.9170, -8.9910, 25.2890

Split Complementary

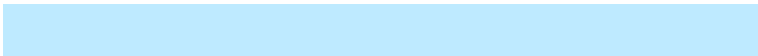
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.7590, 11.8250, 22.4890



226.0830, 8.9910, -25.2890



223.2380, -32.9650, -2.7970

Square

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



226.0830, 8.9910, -25.2890



213.2060, -74.6380, -23.9980



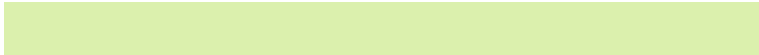
231.1330, -1.3320, 13.1320



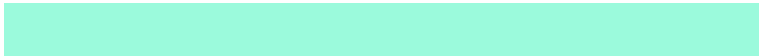
221.6140, 30.6260, 6.6420

Rectangle

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



226.0830, 8.9910, -25.2890



218.1750, -46.9900, -29.4700



231.1330, -1.3320, 13.1320



226.1570, 16.4560, 21.1600

Sweetspot

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



226.0830, 8.9910, -25.2890



250.9260, 2.8440, -7.4920



204.7730, 34.4320, 3.7440



125.0230, 1.1930, -5.1030



0.0000, 0.0000, 0.0000



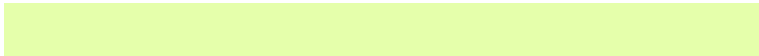
128.0000, -0.0000, -0.0000

Same Dimension

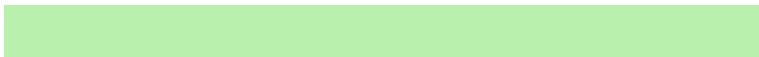
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.0830, 8.9910, -25.2890



237.6500, 11.4680, -31.6360



216.2160, -10.6770, -32.2850



117.4360, 1.4680, -4.5800



145.6820, 24.4960, -69.5200



44.2340, 7.2480, -21.2320

Inverse Universe

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



186.9170, -8.9910, 25.2890



188.3500, -11.4680, 31.6360



196.7840, 10.6770, 32.2850



110.5640, -1.4680, 4.5800



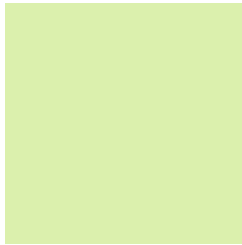
38.3180, -24.4960, 69.5200



11.7660, -7.2480, 21.2320

Previews

White Background



This preview shows how the YIQ color 226.0830, 8.9910, -25.2890 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 226.0830, 8.9910, -25.2890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

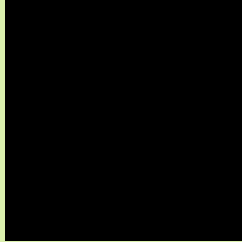
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

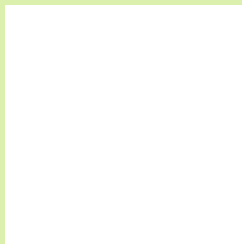
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 226.0830, 8.9910, -25.2890

Background



This preview shows how black text looks on a background with the YIQ color 226.0830, 8.9910, -25.2890.



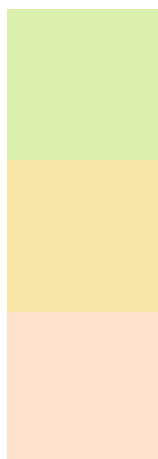
This preview shows how white text looks on a background with the YIQ color 226.0830, 8.9910, -25.2890.

-25.2890.

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

226.0830, 8.9910, -25.2890

Protanopia

229.3140, 30.6300, -15.4660

Deuteranopia

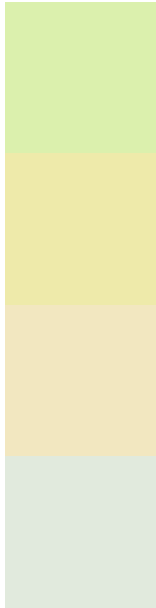
232.0490, 24.6670, -1.0050



Tritanopia

231.7530, -6.3740, 5.3860

Trichromacy



Original Color

226.0830, 8.9910, -25.2890

Protanomaly

227.9000, 22.9280, -19.0560

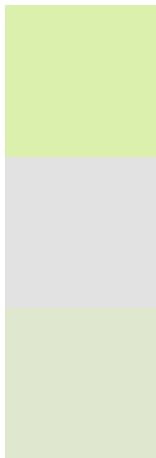
Deuteranomaly

229.8430, 19.0750, -9.7970

Tritanomaly

229.8270, -1.1910, -5.9510

Monochromacy



Original Color

226.0830, 8.9910, -25.2890

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

225.8720, 2.9360, -9.1600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.0830, 8.9910, -25.2890 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, 240, 173)` looks like.

```
.text, #text, p{  
    color:rgb(219, 240, 173)  
}
```

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, 240, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 240, 173) }
```

Border

The CSS property to change the border of an element to YIQ 226.0830, 8.9910, -25.2890 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, 240, 173) }
```


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

```
.border{ border-color:rgb(219, 240, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 240, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 240, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 240, 173);  
box-shadow:4px 4px 4px 4px rgb(219, 240,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 226.0830, 8.9910, -25.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 240, 173) }
```

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

```
.background{ background-color: rgb(219,  
240, 173) }
```

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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