

Converting Colors

YIQ(219.3100, 19.2580, -7.6060)

Have a look what the booklet for
YIQ(219.3100, 19.2580, -7.6060)
contains.

YIQ(219.3100, 19.2580, -7.6060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(219.3100, 19.2580,
-7.6060)**

Conversions

Conversions Part 1

Format	Color
Hex	E9DBB9
RGB	233, 219, 185
RGB Percent	91%, 86%, 73%
CMY	0.0863, 0.1412, 0.2744
CMYK	0.00, 0.06, 0.21, 0.09
HSL	42°, 52%, 82%
HSV	42°, 21%, 91%
XYZ	67.6950, 71.4880, 56.1441
YIQ	219.3100, 19.2580, -7.6060

Conversions

Conversions Part 2

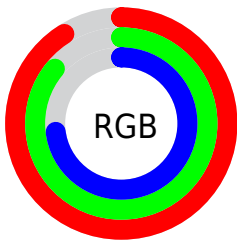
Format	Color
RYB	205, 233, 185
Decimal	15326137
CIELab	87.72, -0.55, 18.45
CIELCh	88, 18.461, 91.719
Yxy	71.4880, 0.3466, 0.3660
Android (android.graphics.Color)	4293516217 (0xFFE9DBB9)
YUV	219.3100, -16.9148, 12.0061
Hunter-Lab	84.5506, -5.0484, 19.8151

Details

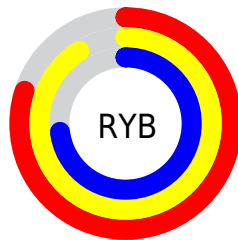
The YIQ color **219.3100, 19.2580, -7.6060** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **198.6900, -19.2580, 7.6060**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **253.4040, 4.4940, -4.3540**, and **164.2390, 18.0200, -7.1960** is the 20% darker color. If you saturate the color by 10%, you get **212.5790, 28.5660, -11.0980**, and if you desaturate by 10%, it is **226.0410, 9.9500, -4.1140**.

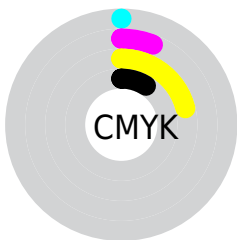
Distribution



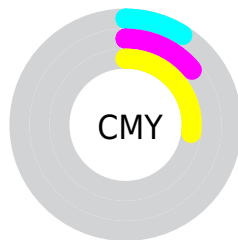
- Red (91%)
- Green (86%)
- Blue (73%)



- Red (80%)
- Yellow (91%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (21%)
- Black (9%)



- Cyan (9%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.3100, 19.2580, -7.6060 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 219.3100, 19.2580, -7.6060 by changing the saturation by 10% instead.

■ 219.3100, 19.2580,
-7.6060

■ 219.3100, 19.2580,
-7.6060

255.0000, -0.0000,
-0.0000

■ 191.4240, 18.9370,
-7.2950

■ 253.4040, 4.4940,
-4.3540

■ 164.2390, 18.0200,
-7.1960

■ 138.0540, 17.1030,
-7.0970

■ 112.1680, 16.7820,
-6.7860

■ 87.6840, 15.2690,
-6.8990

■ 64.4990, 14.3520,
-6.8000

■ 42.3140, 13.4350,

-6.7010

■ 22.4710, 11.5550,
-5.6690

■ 0.0000, 0.0000,
0.0000

■ 219.3100, 19.2580,
-7.6060

■ 219.3100, 19.2580,
-7.6060

■ 212.5790, 28.5660,
-11.0980

■ 226.0410, 9.9500,
-4.1140

■ 205.7340, 38.1950,
-14.9010

■ 232.8860, 0.3210,
-0.3110

■ 199.5900, 47.2280,
-18.9160

■ 239.0300, -8.7120,
3.7040

■ 192.8590, 56.5360,
-22.4080

■ 243.1390,
-10.6370, 0.0430

■ 186.1280, 65.8440,
-25.9000

■ 247.2480,
-12.5620, -3.6180

■ 179.2830, 75.4730,
-29.7030

■ 248.4220,
-13.1120, -4.6640

■ 172.5520, 84.7810,
-33.1950

■ 166.5220, 93.4930,
-36.8990

Harmonies

Analogous

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



221.1420, 28.8390, 0.4790



219.3100, 19.2580, -7.6060



216.8350, 4.3580, -12.9060

Triad

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



219.3100, 19.2580, -7.6060



214.1680, -35.9440, -9.3840



223.2440, 11.5970, 15.6050

Complementary

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



219.3100, 19.2580, -7.6060



198.6900, -19.2580, 7.6060

Split Complementary

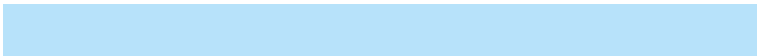
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221.9800, -5.2750, 13.0050



219.3100, 19.2580, -7.6060



215.8790, -33.3320, -1.6520

Square

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



219.3100, 19.2580, -7.6060



213.6110, -27.1860, -13.9220



219.1950, -22.2380, 6.5460



223.3070, 24.4810, 13.3850

Rectangle

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



219.3100, 19.2580, -7.6060



215.6210, -6.7830, -14.7430



219.1950, -22.2380, 6.5460



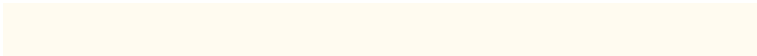
223.1940, 5.8660, 14.8420

Sweetspot

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



219.3100, 19.2580, -7.6060



250.9420, 5.9150, -2.5730



200.9480, 24.1140, 14.5300



125.2130, 3.7140, -1.2300



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.



219.3100, 19.2580, -7.6060



236.5510, 25.7690, -9.9670



224.5380, 9.4480, -17.0480



113.9850, 4.3560, -1.8520



129.2550, 72.6760, -28.5720



38.4520, 21.7340, -8.4260

Inverse Universe

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



198.6900, -19.2580, 7.6060



209.4490, -25.7690, 9.9670



193.4620, -9.4480, 17.0480



109.0150, -4.3560, 1.8520



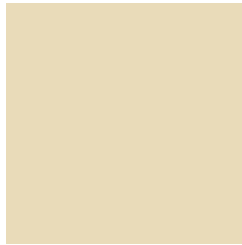
51.7450, -72.6760, 28.5720



15.5480, -21.7340, 8.4260

Previews

White Background



This preview shows how the YIQ color 219.3100, 19.2580, -7.6060 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 219.3100, 19.2580, -7.6060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

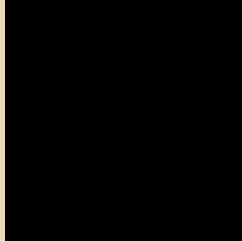
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 219.3100, 19.2580, -7.6060

Background



This preview shows how black text looks on a background with the YIQ color 219.3100, 19.2580, -7.6060.



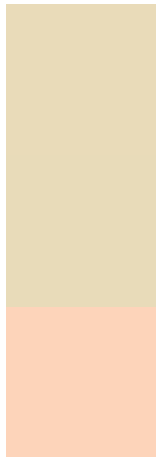
This preview shows how white text looks on a background with the YIQ color 219.3100, 19.2580,

-7.6060.

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

219.3100, 19.2580, -7.6060

Protanopia

219.0110, 18.6620, -7.8180

Deuteranopia

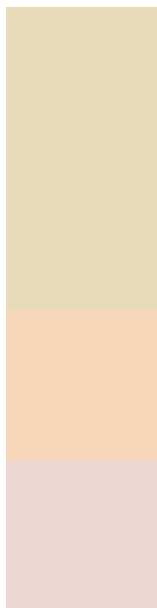
221.2950, 32.7820, 0.6060



Tritanopia

222.5980, 10.3600, 10.4880

Trichromacy



Original Color

219.3100, 19.2580, -7.6060

Protanomaly

219.0110, 18.6620, -7.8180

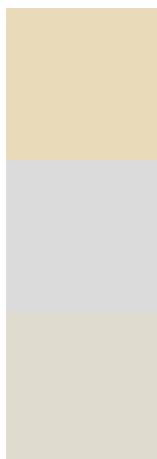
Deuteranomaly

220.9630, 27.7850, -2.4470

Tritanomaly

221.3500, 13.7540, 4.0420

Monochromacy



Original Color

219.3100, 19.2580, -7.6060

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

219.1270, 6.8320, -2.6720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.3100, 19.2580, -7.6060 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(233, 219, 185)` looks like.

```
.text, #text, p{  
    color:rgb(233, 219, 185)  
}
```

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(233, 219, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 219, 185) }
```

Border

The CSS property to change the border of an element to YIQ 219.3100, 19.2580, -7.6060 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(233, 219, 185) }
```


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

```
.border{ border-color:rgb(233, 219, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 219, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 219, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 219, 185);  
box-shadow:4px 4px 4px 4px rgb(233, 219,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 219.3100, 19.2580, -7.6060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 219, 185) }
```

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

```
.background{ background-color: rgb(233,  
219, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor