

Converting Colors

YIQ(217.9320, 19.9020,
-19.2820)

Have a look what the booklet for
YIQ(217.9320, 19.9020, -19.2820)
contains.

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Color

**YIQ(217.9320, 19.9020,
-19.2820)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E1A3
RGB	225, 225, 163
RGB Percent	88%, 88%, 64%
CMY	0.1177, 0.1176, 0.3606
CMYK	0.00, 0.00, 0.28, 0.12
HSL	60°, 51%, 76%
HSV	60°, 28%, 88%
XYZ	64.5872, 72.5018, 45.2557
YIQ	217.9320, 19.9020, -19.2820

Conversions

Conversions Part 2

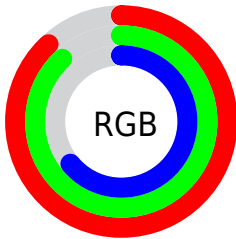
Format	Color
RYB	163, 225, 163
Decimal	14803363
CIELab	88.21, -9.60, 30.41
CIELCh	88, 31.893, 107.514
Yxy	72.5018, 0.3542, 0.3976
Android (android.graphics.Color)	4292993443 (0xFFE1E1A3)
YUV	217.9320, -27.0815, 6.1986
Hunter-Lab	85.1480, -13.6116, 28.0913

Details

The YIQ color $217.9320, 19.9020, -19.2820$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $170.0680, -19.9020, 19.2820$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.7820, 11.8770, -11.5070$, and $162.9750, 18.3430, -18.5610$ is the 20% darker color. If you saturate the color by 10%, you get $215.4240, 26.9640, -26.1240$, and if you desaturate by 10%, it is $220.5540, 12.5190, -12.1290$.

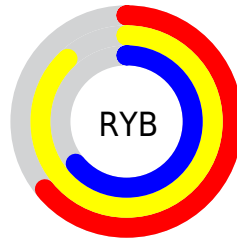
Distribution



Red (88%)

Green (88%)

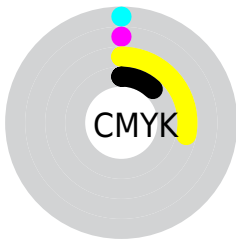
Blue (64%)



Red (64%)

Yellow (88%)

Blue (64%)

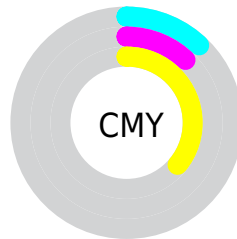


Cyan (0%)

Magenta (0%)

Yellow (28%)

Black (12%)



Cyan (12%)

Magenta (12%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.9320, 19.9020, -19.2820 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 217.9320, 19.9020, -19.2820 by changing the saturation by 10% instead.

■ 217.9320, 19.9020,
-19.2820

■ 217.9320, 19.9020,
-19.2820

■ 255.0000, -0.0000,
-0.0000

■ 190.0460, 19.5810,
-18.9710

■ 250.7820, 11.8770,
-11.5070

■ 162.9750, 18.3430,
-18.5610

■ 254.0880, 2.5680,
-2.4880

■ 136.2030, 17.7010,
-17.9390

■ 111.0180, 16.7840,
-17.8400

■ 85.9470, 15.5460,
-17.4300

■ 62.6480, 14.9500,
-17.6420

■ 40.7450, 13.2990,

-15.2530

■ 21.5300, 3.8990,
-10.0930

■ 0.0000, 0.0000,
0.0000

■ 217.9320, 19.9020,
-19.2820

■ 217.9320, 19.9020,
-19.2820

■ 215.4240, 26.9640,
-26.1240

■ 220.5540, 12.5190,
-12.1290

■ 212.8020, 34.3470,
-33.2770

■ 223.0620, 5.4570,
-5.2870

■ 210.2940, 41.4090,
-40.1190

■ 225.6840, -1.9260,
1.8660

■ 207.6720, 48.7920,
-47.2720

■ 228.1920, -8.9880,
8.7080

■ 205.1640, 55.8540,
-54.1140

■ 228.4200, -9.6300,
9.3300

■ 202.5420, 63.2370,
-61.2670

■ 200.0340, 70.2990,
-68.1090

■ 199.3500, 72.2250,
-69.9750

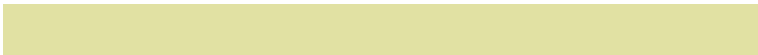
Harmonies

Analogous

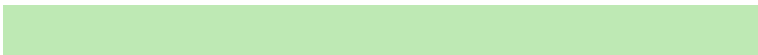
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.9180, 40.8530, -8.0030



217.9320, 19.9020, -19.2820



214.1010, -8.6150, -25.5990

Triad

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



217.9320, 19.9020, -19.2820



207.3800, -66.0200, -14.9800



220.4350, 21.5450, 22.5450

Complementary

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



217.9320, 19.9020, -19.2820



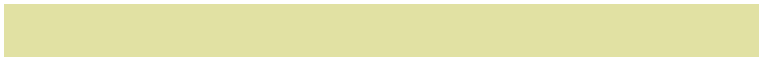
170.0680, -19.9020, 19.2820

Split Complementary

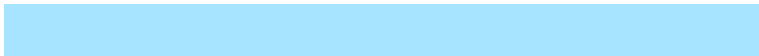
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.3180, 8.7530, 23.0970



217.9320, 19.9020, -19.2820



212.5400, -45.6190, -4.7470

Square

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



217.9320, 19.9020, -19.2820



206.6050, -62.5800, -22.2600



219.5270, -17.2410, 9.5990



216.9010, 31.4960, 12.9040

Rectangle

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



217.9320, 19.9020, -19.2820



210.9230, -28.6050, -26.7570



219.5270, -17.2410, 9.5990



222.7490, 17.7850, 24.6090

Sweetspot

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



217.9320, 19.9020, -19.2820



252.7200, 6.4200, -6.2200



181.5380, 36.9520, 13.1440



126.2190, 3.5770, -4.2550



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.



217.9320, 19.9020, -19.2820



245.4240, 26.9640, -26.1240



208.6630, 1.4260, -25.8540



110.7460, 3.5310, -3.4210



155.9360, 56.4960, -54.7360



42.5280, 15.4080, -14.9280

Inverse Universe

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



170.0680, -19.9020, 19.2820



180.5760, -26.9640, 26.1240



179.3370, -1.4260, 25.8540



102.2540, -3.5310, 3.4210



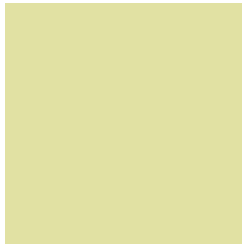
20.0640, -56.4960, 54.7360



5.4720, -15.4080, 14.9280

Previews

White Background



This preview shows how the YIQ color 217.9320, 19.9020, -19.2820 looks on a white background.

Color Contrast Check

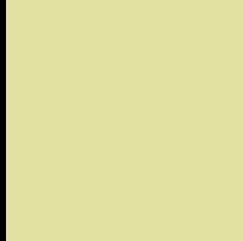
Large Text (above 18pt) WCAG AA × Fail

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 217.9320, 19.9020, -19.2820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

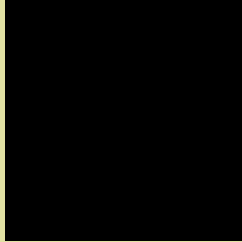
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.9320, 19.9020, -19.2820

Background



This preview shows how black text looks on a background with the YIQ color 217.9320, 19.9020, -19.2820.



This preview shows how white text looks on a background with the YIQ color 217.9320, 19.9020, -19.2820.

-19.2820.

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

217.9320, 19.9020, -19.2820

Protanopia

219.2430, 29.3920, -15.0560

Deuteranopia

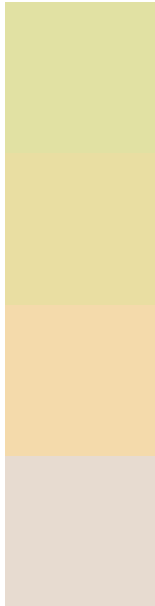
221.9270, 36.6340, -3.1260



Tritanopia

223.3200, 5.2710, 9.1030

Trichromacy



Original Color

217.9320, 19.9020, -19.2820

Protanomaly

218.4490, 25.8160, -16.3280

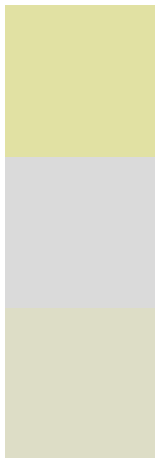
Deuteranomaly

220.4160, 30.5830, -9.1050

Tritanomaly

221.3340, 10.6830, -0.8770

Monochromacy



Original Color

217.9320, 19.9020, -19.2820

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.3780, 7.3830, -7.1530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.9320, 19.9020, -19.2820 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(225, 225, 163)` looks like.

```
.text, #text, p{  
    color:rgb(225, 225, 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(225, 225, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 225, 163) }
```

Border

The CSS property to change the border of an element to YIQ 217.9320, 19.9020, -19.2820 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(225, 225, 163) }
```


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

```
.border{ border-color:rgb(225, 225, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 225, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 225, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 225, 163);  
box-shadow:4px 4px 4px 4px rgb(225, 225,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 217.9320, 19.9020, -19.2820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 225, 163) }
```

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

```
.background{ background-color: rgb(225,  
225, 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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