

Converting Colors

YIQ(219.9390, 27.1920,
-19.2400)

Have a look what the booklet for
YIQ(219.9390, 27.1920, -19.2400)
contains.

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Color

**YIQ(219.9390, 27.1920,
-19.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE19D
RGB	234, 225, 157
RGB Percent	92%, 88%, 62%
CMY	0.0824, 0.1176, 0.3841
CMYK	0.00, 0.04, 0.33, 0.08
HSL	53°, 65%, 77%
HSV	53°, 33%, 92%
XYZ	66.9434, 73.7755, 42.6284
YIQ	219.9390, 27.1920, -19.2400

Conversions

Conversions Part 2

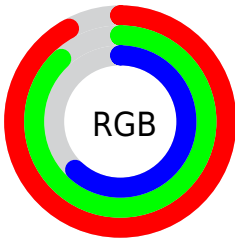
Format	Color
RYB	167, 234, 157
Decimal	15393181
CIELab	88.82, -6.93, 34.41
CIELCh	89, 35.098, 101.390
Yxy	73.7755, 0.3651, 0.4024
Android (android.graphics.Color)	4293583261 (0xFFEAE19D)
YUV	219.9390, -31.0289, 12.3315
Hunter-Lab	85.8927, -11.1922, 30.6993

Details

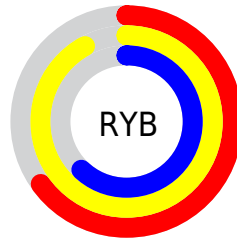
The YIQ color **219.9390, 27.1920, -19.2400** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **171.0610, -27.1920, 19.2400**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.0980, 13.8030, -13.3730**, and **164.6830, 25.0370, -18.7310** is the 20% darker color. If you saturate the color by 10%, you get **215.5560, 35.4000, -24.8240**, and if you desaturate by 10%, it is **224.3220, 18.9840, -13.6560**.

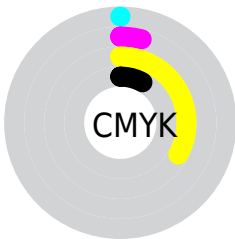
Distribution



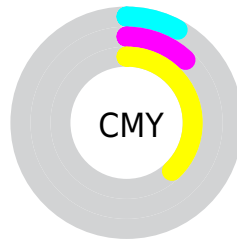
- Red (92%)
- Green (88%)
- Blue (62%)



- Red (65%)
- Yellow (92%)
- Blue (62%)



- Cyan (0%)
- Magenta (4%)
- Yellow (33%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.9390, 27.1920, -19.2400 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 219.9390, 27.1920, -19.2400 by changing the saturation by 10% instead.

■ 219.9390, 27.1920,
-19.2400

■ 219.9390, 27.1920,
-19.2400

■ 255.0000, -0.0000,
-0.0000

■ 191.8680, 25.9540,
-18.8300

■ 250.0980, 13.8030,
-13.3730

■ 164.6830, 25.0370,
-18.7310

■ 253.4040, 4.4940,
-4.3540

■ 137.9110, 24.3950,
-18.1090

■ 112.4270, 22.8820,
-18.2220

■ 87.2420, 21.9650,
-18.1230

■ 63.5300, 21.0940,
-18.8580

■ 42.8270, 16.0040,

-14.7160

■ 23.3240, 7.4750,
-8.8210

■ 0.0000, 0.0000,
0.0000

■ 219.9390, 27.1920,
-19.2400

■ 219.9390, 27.1920,
-19.2400

■ 215.5560, 35.4000,
-24.8240

■ 224.3220, 18.9840,
-13.6560

■ 211.6460, 43.6540,
-31.2420

■ 228.2320, 10.7300,
-7.2380

■ 207.2630, 51.8620,
-36.8260

■ 232.6150, 2.5220,
-1.6540

■ 202.7660, 60.3910,
-42.7210

■ 237.1120, -6.0070,
4.2410

■ 198.3830, 68.5990,
-48.3050

■ 239.3290, -8.1160,
3.9160

■ 194.5870, 76.5320,
-54.4120

■ 240.5030, -8.6660,
2.8700

■ 191.4750, 82.5390,
-58.6530

■ 242.2640, -9.4910,
1.3010

■ 244.0250,
-10.3160, -0.2680

■ 245.7860,
-11.1410, -1.8370

Harmonies

Analogous

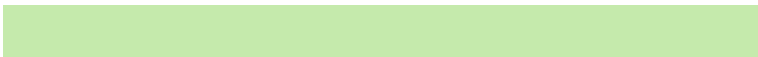
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.1030, 41.7700, -8.1020



219.9390, 27.1920, -19.2400



215.8690, -2.1500, -27.1260

Triad

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



219.9390, 27.1920, -19.2400



205.2430, -76.0600, -20.2520



222.1620, 18.0600, 25.1320

Complementary

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



219.9390, 27.1920, -19.2400



171.0610, -27.1920, 19.2400

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.



225.2960, 5.8190, 21.2030



219.9390, 27.1920, -19.2400



210.4030, -55.6590, -10.0190

Square

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



219.9390, 27.1920, -19.2400



206.5180, -66.8890, -26.7690



218.8850, -24.3010, 5.3870



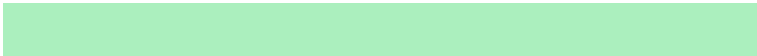
216.5250, 29.7990, 16.1270

Rectangle

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



219.9390, 27.1920, -19.2400



213.0820, -24.7990, -29.6550



218.8850, -24.3010, 5.3870



224.4760, 14.3000, 27.1960

Sweetspot

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



219.9390, 27.1920, -19.2400



250.3890, 8.8500, -6.2060



181.1630, 42.6820, 19.4340



125.0020, 5.6860, -3.9300



0.0000, 0.0000, 0.0000



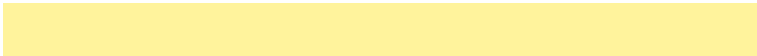
128.0000, -0.0000, -0.0000

Same Dimension

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



219.9390, 27.1920, -19.2400



236.6700, 35.0790, -24.5130



216.8500, 8.0290, -29.8830



115.1590, 3.8060, -2.8980



148.0390, 63.8760, -45.3080



43.7350, 19.2590, -13.1330

Inverse Universe

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



171.0610, -27.1920, 19.2400



173.7430, -34.8040, 25.0360



174.1500, -8.0290, 29.8830



107.8410, -3.8060, 2.8980



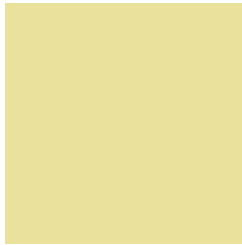
32.9610, -63.8760, 45.3080



9.6780, -18.9840, 13.6560

Previews

White Background



This preview shows how the YIQ color 219.9390, 27.1920, -19.2400 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 219.9390, 27.1920, -19.2400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

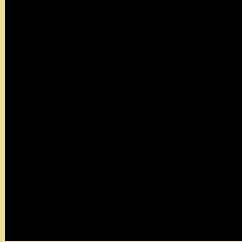
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 219.9390, 27.1920, -19.2400

Background



This preview shows how black text looks on a background with the YIQ color 219.9390, 27.1920, -19.2400.



This preview shows how white text looks on a background with the YIQ color 219.9390, 27.1920,

-19.2400.

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

219.9390, 27.1920, -19.2400

Protanopia

220.7440, 32.2350, -17.0210

Deuteranopia

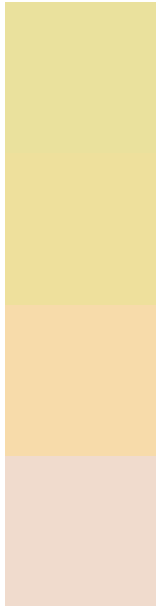
223.3290, 35.4420, -3.5500



Tritanopia

225.3100, 11.2310, 11.2230

Trichromacy



Original Color

219.9390, 27.1920, -19.2400

Protanomaly

220.4340, 30.1720, -18.1800

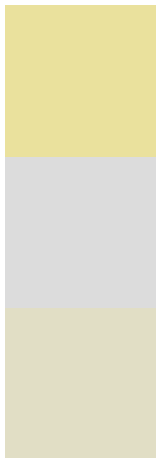
Deuteranomaly

221.7860, 32.4170, -9.3030

Tritanomaly

223.6830, 17.0100, 0.0980

Monochromacy



Original Color

219.9390, 27.1920, -19.2400

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.0470, 9.8130, -7.1390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.9390, 27.1920, -19.2400 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(234, 225, 157)` looks like.

```
.text, #text, p{  
    color:rgb(234, 225, 157)  
}
```

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(234, 225, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 225, 157) }
```

Border

The CSS property to change the border of an element to YIQ 219.9390, 27.1920, -19.2400 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(234, 225, 157) }
```


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

```
.border{ border-color:rgb(234, 225, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 225, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 225, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 225, 157);  
box-shadow:4px 4px 4px 4px rgb(234, 225,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 219.9390, 27.1920, -19.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 225, 157) }
```

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

```
.background{ background-color: rgb(234,  
225, 157) }
```

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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