

Converting Colors

YIQ(226.3190, 15.0390, -2.7290)

Have a look what the booklet for
YIQ(226.3190, 15.0390, -2.7290)
contains.

YIQ(226.3190, 15.0390, -2.7290)	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(226.3190, 15.0390,
-2.7290)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE0CD
RGB	239, 224, 205
RGB Percent	94%, 88%, 80%
CMY	0.0627, 0.1216, 0.1960
CMYK	0.00, 0.06, 0.14, 0.06
HSL	33°, 52%, 87%
HSV	34°, 14%, 94%
XYZ	73.2743, 76.0684, 68.5903
YIQ	226.3190, 15.0390, -2.7290

Conversions

Conversions Part 2

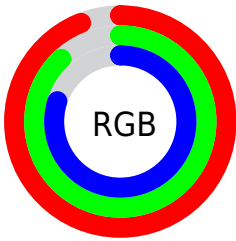
Format	Color
RYP	232, 239, 205
Decimal	15720653
CIELab	89.89, 2.04, 11.12
CIElCh	90, 11.309, 79.609
Yxy	76.0684, 0.3362, 0.3490
Android (android.graphics.Color)	4293910733 (0xFFEFE0CD)
YUV	226.3190, -10.5103, 11.1212
Hunter-Lab	87.2172, -2.6657, 14.4245

Details

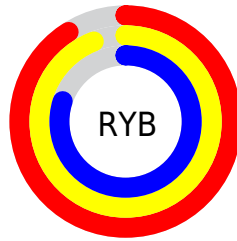
The YIQ color $226.3190, 15.0390, -2.7290$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $217.6810, -15.0390, 2.7290$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $171.1340, 14.1220, -2.6300$ is the 20% darker color. If you saturate the color by 10%, you get $217.1260, 25.7680, -4.4400$, and if you desaturate by 10%, it is $235.5120, 4.3100, -1.0180$.

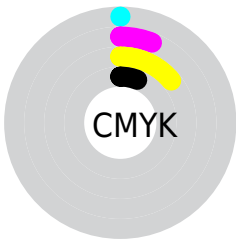
Distribution



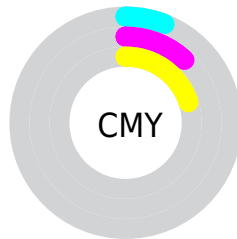
- Red (94%)
- Green (88%)
- Blue (80%)



- Red (91%)
- Yellow (94%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (14%)
- Black (6%)



- Cyan (6%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.3190, 15.0390, -2.7290 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 226.3190, 15.0390, -2.7290 by changing the saturation by 10% instead.

■ 226.3190, 15.0390,
-2.7290

■ 226.3190, 15.0390,
-2.7290

255.0000, -0.0000,
-0.0000

■ 198.4330, 14.7180,
-2.4180

■ 171.1340, 14.1220,
-2.6300

■ 144.2480, 13.8010,
-2.3190

■ 118.9490, 13.2050,
-2.5310

■ 93.7640, 12.2880,
-2.4320

■ 70.4650, 11.6920,
-2.6440

■ 48.2800, 10.7750,

-2.5450

■ 26.7530, 10.8210,
-3.3790

■ 1.1960, 2.3840,
0.8480

■ 226.3190, 15.0390,
-2.7290

■ 226.3190, 15.0390,
-2.7290

■ 217.1260, 25.7680,
-4.4400

■ 235.5120, 4.3100,
-1.0180

■ 208.5200, 36.2220,
-6.6740

■ 244.1180, -6.1440,
1.2160

■ 199.3270, 46.9510,
-8.3850

■ 250.2160, -9.5360,
-3.3920

■ 190.7210, 57.4050,
-10.6190

■ 181.6420, 67.8130,
-12.0190

■ 173.0360, 78.2670,
-14.2530

■ 163.8430, 88.9960,
-15.9640

■ 155.2370, 99.4500,
-18.1980

■ 149.5320,
105.8690, -18.8910

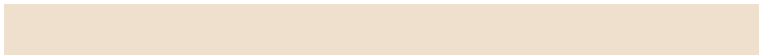
Harmonies

Analogous

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



227.5200, 19.0270, 2.0910



226.3190, 15.0390, -2.7290



225.1930, 6.4660, -7.0540

Triad

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



226.3190, 15.0390, -2.7290



222.2470, -19.9890, -6.6850



227.9500, 3.4370, 9.3010

Complementary

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



226.3190, 15.0390, -2.7290



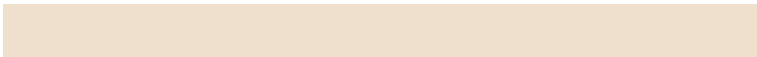
217.6810, -15.0390, 2.7290

Split Complementary

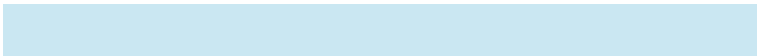
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.0950, -7.3370, 6.3190



226.3190, 15.0390, -2.7290



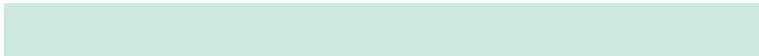
223.5830, -20.8150, -2.7270

Square

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



226.3190, 15.0390, -2.7290



222.7870, -12.8820, -8.8340



225.0830, -16.2310, 2.3050



228.3270, 12.5610, 9.1450

Rectangle

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



226.3190, 15.0390, -2.7290



224.3170, 0.1850, -8.8630



225.0830, -16.2310, 2.3050



227.6830, -0.1850, 8.8630

Sweetspot

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



226.3190, 15.0390, -2.7290



250.9250, 4.5850, -0.4950



216.8760, 15.4490, 11.8730



125.4410, 3.0720, -0.6080



0.0000, 0.0000, 0.0000



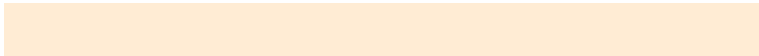
128.0000, -0.0000, -0.0000

Same Dimension

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



226.3190, 15.0390, -2.7290



238.9450, 19.0280, -3.4360



234.5260, 9.7220, -10.9980



115.6970, 5.2270, -1.1170



115.4770, 81.3390, -14.8610



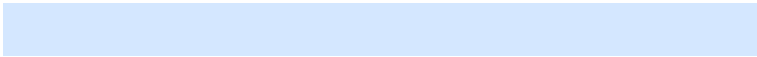
34.9410, 24.8510, -4.3410

Inverse Universe

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



217.6810, -15.0390, 2.7290



228.0550, -19.0280, 3.4360



209.4740, -9.7220, 10.9980



112.3030, -5.2270, 1.1170



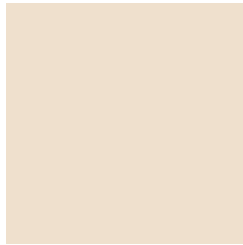
68.5230, -81.3390, 14.8610



21.0590, -24.8510, 4.3410

Previews

White Background



This preview shows how the YIQ color 226.3190, 15.0390, -2.7290 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 226.3190, 15.0390, -2.7290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

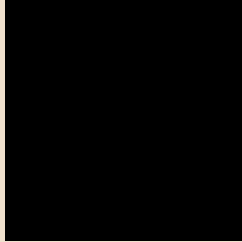
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 226.3190, 15.0390, -2.7290

Background



This preview shows how black text looks on a background with the YIQ color 226.3190, 15.0390, -2.7290.



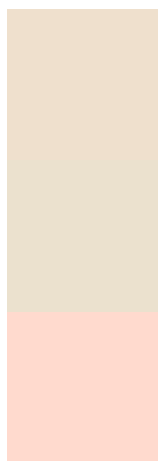
This preview shows how white text looks on a background with the YIQ color 226.3190, 15.0390,

-2.7290.

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

226.3190, 15.0390, -2.7290

Protanopia

225.8240, 12.0590, -3.7890

Deuteranopia

227.6950, 25.9040, 4.1120



Tritanopia

228.2280, 8.5260, 10.6860

Trichromacy



Original Color

226.3190, 15.0390, -2.7290

Protanomaly

226.1230, 12.6550, -3.5770

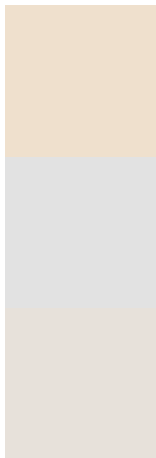
Deuteranomaly

227.0750, 21.7780, 1.7940

Tritanomaly

227.7350, 11.2320, 5.6960

Monochromacy



Original Color

226.3190, 15.0390, -2.7290

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

225.9960, 5.8230, -0.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.3190, 15.0390, -2.7290 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(239, 224, 205)` looks like.

```
.text, #text, p{  
    color:rgb(239, 224, 205)  
}
```

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(239, 224, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 224, 205) }
```

Border

The CSS property to change the border of an element to YIQ 226.3190, 15.0390, -2.7290 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(239, 224, 205) }
```


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

```
.border{ border-color:rgb(239, 224, 205) }
```

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

Here you see how a box with a 4 pixel rgb(239, 224, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 224, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 224, 205);  
box-shadow:4px 4px 4px 4px rgb(239, 224,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 226.3190, 15.0390, -2.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 224, 205) }
```

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

```
.background{ background-color: rgb(239,  
224, 205) }
```

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