

Converting Colors

YIQ(231.5890, 5.4110, -4.4530)

Have a look what the booklet for
YIQ(231.5890, 5.4110, -4.4530)
contains.

YIQ(231.5890, 5.4110, -4.4530)	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(231.5890, 5.4110,
-4.4530)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE9DA
RGB	234, 233, 218
RGB Percent	92%, 91%, 85%
CMY	0.0824, 0.0863, 0.1451
CMYK	0.00, 0.00, 0.07, 0.08
HSL	56°, 28%, 89%
HSV	56°, 7%, 92%
XYZ	75.7259, 80.8321, 77.9464
YIQ	231.5890, 5.4110, -4.4530

Conversions

Conversions Part 2

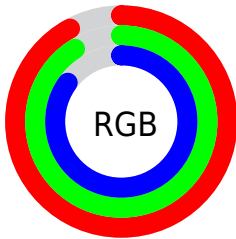
Format	Color
RYB	219, 234, 218
Decimal	15395290
CIELab	92.06, -2.24, 7.39
CIELCh	92, 7.724, 106.850
Yxy	80.8321, 0.3229, 0.3447
Android (android.graphics.Color)	4293585370 (0xFFEAE9DA)
YUV	231.5890, -6.6994, 2.1144
Hunter-Lab	89.9067, -6.9911, 11.5320

Details

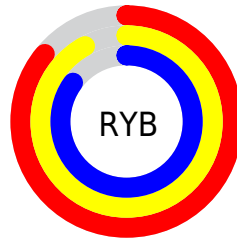
The YIQ color **231.5890, 5.4110, -4.4530** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **220.4110, -5.4110, 4.4530**, and the grayscale version is **232.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **175.7030, 5.0900, -4.1420** is the 20% darker color. If you saturate the color by 10%, you get **228.3800, 13.0690, -11.0830**, and if you desaturate by 10%, it is **234.7980, -2.2470, 2.1770**.

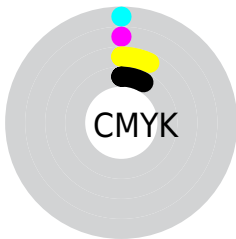
Distribution



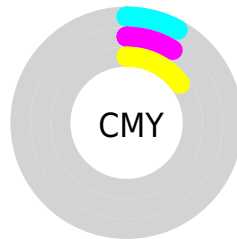
- Red (92%)
- Green (91%)
- Blue (85%)



- Red (86%)
- Yellow (92%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (8%)



- Cyan (8%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.5890, 5.4110, -4.4530 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 231.5890, 5.4110, -4.4530 by changing the saturation by 10% instead.

■ 231.5890, 5.4110,
-4.4530

■ 231.5890, 5.4110,
-4.4530

255.0000, -0.0000,
-0.0000

■ 203.5890, 5.4110,
-4.4530

■ 175.7030, 5.0900,
-4.1420

■ 149.7030, 5.0900,
-4.1420

■ 123.7030, 5.0900,
-4.1420

■ 98.8170, 4.7690,
-3.8310

■ 74.9310, 4.4480,
-3.5200

■ 52.0450, 4.1270,

-3.2090

■ 30.7460, 3.5310,
-3.4210

■ 7.0770, 1.1010,
-3.4350

■ 231.5890, 5.4110,
-4.4530

■ 231.5890, 5.4110,
-4.4530

■ 228.3800, 13.0690,
-11.0830

■ 234.7980, -2.2470,
2.1770

■ 224.4700, 21.3230,
-17.5010

■ 237.5680, -7.2910,
5.4850

■ 221.2610, 28.9810,
-24.1310

■ 238.1550, -7.5660,
4.9620

■ 217.3510, 37.2350,
-30.5490

■ 239.3290, -8.1160,
3.9160

■ 214.1420, 44.8930,
-37.1790

■ 239.9160, -8.3910,
3.3930

■ 210.3460, 52.8260,
-43.2860

■ 241.0900, -8.9410,
2.3470

■ 207.0230, 60.8050,
-50.2270

■ 241.6770, -9.2160,
1.8240

■ 203.2270, 68.7380,
-56.3340

■ 242.8510, -9.7660,
0.7780

■ 199.9040, 76.7170,
-63.2750

■ 243.4380,
-10.0410, 0.2550

Harmonies

Analogous

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



232.8070, 10.7290, -1.7110



231.5890, 5.4110, -4.4530



230.5280, -1.7870, -6.1630

Triad

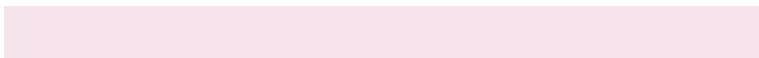
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.5890, 5.4110, -4.4530



230.8180, -14.1670, -2.0630



234.2940, 8.1600, 6.3040

Complementary

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



231.5890, 5.4110, -4.4530



220.4110, -5.4110, 4.4530

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.



233.4720, 1.7870, 6.1630



231.5890, 5.4110, -4.4530



231.4810, -11.6000, 0.9760

Square

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



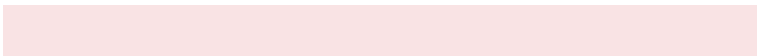
231.5890, 5.4110, -4.4530



230.0090, -13.3870, -5.1870



232.4110, -5.4110, 4.4530



233.6920, 12.7910, 4.9750

Rectangle

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



231.5890, 5.4110, -4.4530



230.0760, -6.3260, -6.5020



232.4110, -5.4110, 4.4530



233.9240, 6.3260, 6.5020

Sweetspot

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



231.5890, 5.4110, -4.4530



254.4300, 1.6050, -1.5550



222.8980, 9.2150, 3.7030



127.0710, 1.2380, -0.4100



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.



231.5890, 5.4110, -4.4530



252.1330, 6.6950, -5.6970



230.0830, 0.9640, -6.4600



115.7460, 3.5310, -3.4210



153.9090, 61.1260, -50.5380



45.4960, 18.4340, -14.7020

Inverse Universe

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



220.4110, -5.4110, 4.4530



237.8670, -6.6950, 5.6970



221.9170, -0.9640, 6.4600



107.2540, -3.5310, 3.4210



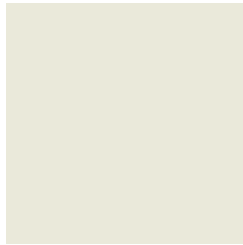
27.0910, -61.1260, 50.5380



7.9170, -18.1590, 15.2250

Previews

White Background



This preview shows how the YIQ color 231.5890, 5.4110, -4.4530 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 231.5890, 5.4110, -4.4530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

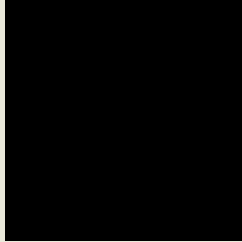
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

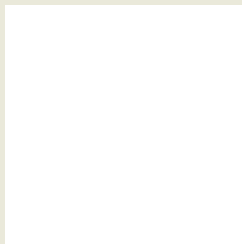
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 231.5890, 5.4110, -4.4530

Background



This preview shows how black text looks on a background with the YIQ color 231.5890, 5.4110, -4.4530.



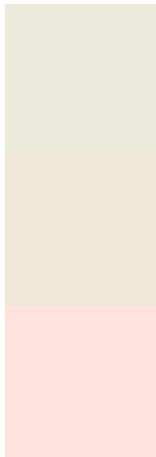
This preview shows how white text looks on a background with the YIQ color 231.5890, 5.4110,

-4.4530.

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

231.5890, 5.4110, -4.4530

Protanopia

232.0950, 9.8580, -2.4460

Deuteranopia

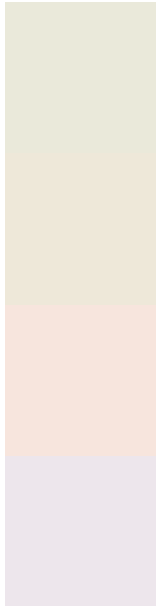
234.2150, 18.5680, 4.9040



Tritanopia

233.7430, -0.4140, 7.5060

Trichromacy



Original Color

231.5890, 5.4110, -4.4530

Protanomaly

232.0840, 8.3910, -3.3930

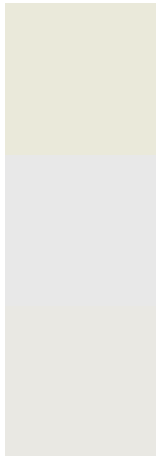
Deuteranomaly

233.4700, 13.2960, 1.3280

Tritanomaly

232.7770, 2.2460, 3.3500

Monochromacy



Original Color

231.5890, 5.4110, -4.4530

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

231.7290, 2.2010, -1.3430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.5890, 5.4110, -4.4530 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, 233, 218)` looks like.

```
.text, #text, p{  
    color:rgb(234, 233, 218)  
}
```

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, 233, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 233, 218) }
```

Border

The CSS property to change the border of an element to YIQ 231.5890, 5.4110, -4.4530 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, 233, 218) }
```


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

```
.border{ border-color:rgb(234, 233, 218) }
```

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

Here you see how a box with a 4 pixel rgb(234, 233, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 233, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 233, 218);  
box-shadow:4px 4px 4px 4px rgb(234, 233,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 231.5890, 5.4110, -4.4530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 233, 218) }
```

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

```
.background{ background-color: rgb(234,  
233, 218) }
```

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