

Converting Colors

YIQ(220.3840, 24.4410,
-18.9430)

Have a look what the booklet for
YIQ(220.3840, 24.4410, -18.9430)
contains.

YIQ(220.3840, 24.4410, -18.9430)	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(220.3840, 24.4410,
-18.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E2A1
RGB	232, 226, 161
RGB Percent	91%, 89%, 63%
CMY	0.0902, 0.1137, 0.3685
CMYK	0.00, 0.03, 0.31, 0.09
HSL	55°, 61%, 77%
HSV	55°, 31%, 91%
XYZ	66.9085, 74.1205, 44.5158
YIQ	220.3840, 24.4410, -18.9430

Conversions

Conversions Part 2

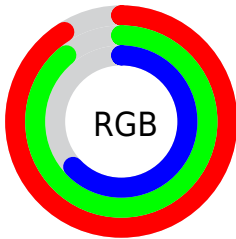
Format	Color
RYB	168, 232, 161
Decimal	15262369
CIELab	88.98, -7.71, 32.56
CIElCh	89, 33.461, 103.324
Yxy	74.1205, 0.3606, 0.3995
Android (android.graphics.Color)	4293452449 (0xFFE8E2A1)
YUV	220.3840, -29.2763, 10.1872
Hunter-Lab	86.0932, -11.9395, 29.6085

Details

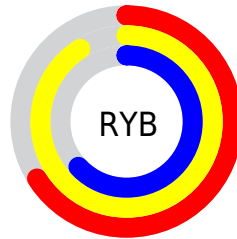
The YIQ color $220.3840, 24.4410, -18.9430$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $172.6160, -24.4410, 18.9430$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.5540, 12.5190, -12.1290$, and $165.1280, 22.2860, -18.4340$ is the 20% darker color. If you saturate the color by 10%, you get $216.5880, 32.3740, -25.0500$, and if you desaturate by 10%, it is $224.1800, 16.5080, -12.8360$.

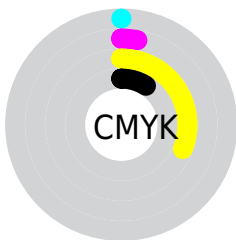
Distribution



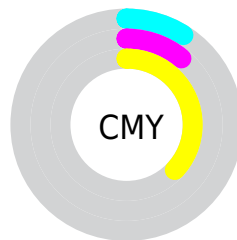
- Red (91%)
- Green (89%)
- Blue (63%)



- Red (66%)
- Yellow (91%)
- Blue (63%)



- Cyan (0%)
- Magenta (3%)
- Yellow (31%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.3840, 24.4410, -18.9430 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 220.3840, 24.4410, -18.9430 by changing the saturation by 10% instead.

■ 220.3840, 24.4410,
-18.9430

■ 220.3840, 24.4410,
-18.9430

255.0000, -0.0000,
-0.0000

■ 192.3130, 23.2030,
-18.5330

■ 250.5540, 12.5190,
-12.1290

■ 165.1280, 22.2860,
-18.4340

■ 253.8600, 3.2100,
-3.1100

■ 138.3560, 21.6440,
-17.8120

■ 113.1710, 20.7270,
-17.7130

■ 87.9860, 19.8100,
-17.6140

■ 64.3880, 18.6180,
-18.0380

■ 42.5280, 15.4080,

-14.9280

■ 23.6120, 6.6040,
-9.5560

■ 0.0000, 0.0000,
0.0000

■ 220.3840, 24.4410,
-18.9430

■ 220.3840, 24.4410,
-18.9430

■ 216.5880, 32.3740,
-25.0500

■ 224.1800, 16.5080,
-12.8360

■ 212.7920, 40.3070,
-31.1570

■ 227.9760, 8.5750,
-6.7290

■ 208.8820, 48.5610,
-37.5750

■ 231.8860, 0.3210,
-0.3110

■ 205.0860, 56.4940,
-43.6820

■ 235.6820, -7.6120,
5.7960

■ 201.2900, 64.4270,
-49.7890

■ 236.9700, -8.4830,
5.0610

■ 197.4940, 72.3600,
-55.8960

■ 238.1440, -9.0330,
4.0150

■ 193.8120, 79.9720,
-61.6920

■ 239.3180, -9.5830,
2.9690

■ 240.4920,
-10.1330, 1.9230

■ 241.6660,
-10.6830, 0.8770

Harmonies

Analogous

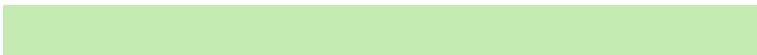
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221.0320, 40.5320, -7.6920



220.3840, 24.4410, -18.9430



216.6130, -4.3050, -26.6170

Triad

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



220.3840, 24.4410, -18.9430



207.9340, -70.6960, -18.3440



222.5210, 18.4270, 23.9870

Complementary

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



220.3840, 24.4410, -18.9430



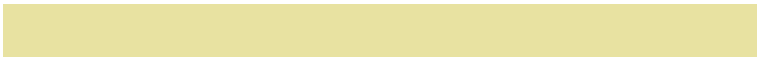
172.6160, -24.4410, 18.9430

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.



225.8940, 7.0110, 21.6270



220.3840, 24.4410, -18.9430



212.7950, -50.8910, -8.3230

Square

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



220.3840, 24.4410, -18.9430



207.9530, -63.6800, -24.3520



220.3800, -21.3210, 6.4470



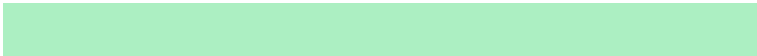
217.5850, 29.5700, 14.7700

Rectangle

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



220.3840, 24.4410, -18.9430



213.8370, -25.4870, -28.1990



220.3800, -21.3210, 6.4470



224.8350, 14.6670, 26.0510

Sweetspot

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



220.3840, 24.4410, -18.9430



251.2040, 7.9330, -6.1070



183.0270, 40.0690, 17.2290



125.1160, 5.3650, -3.6190



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.



220.3840, 24.4410, -18.9430



239.5880, 32.3740, -25.0500



215.5340, 6.1030, -28.0170



113.0450, 4.1270, -3.2090



149.2020, 61.8590, -47.3010



42.8380, 17.4710, -13.7690

Inverse Universe

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



172.6160, -24.4410, 18.9430



176.4120, -32.3740, 25.0500



177.4660, -6.1030, 28.0170



104.9550, -4.1270, 3.2090



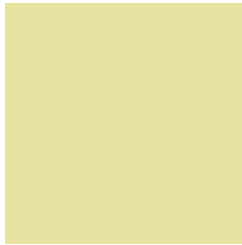
29.2110, -61.5840, 47.8240



8.1620, -17.4710, 13.7690

Previews

White Background



This preview shows how the YIQ color 220.3840, 24.4410, -18.9430 looks on a white background.

Color Contrast Check

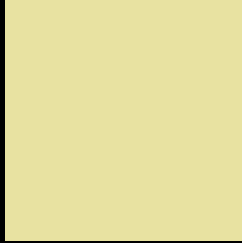
Large Text (above 18pt) WCAG AA × Fail

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 220.3840, 24.4410, -18.9430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

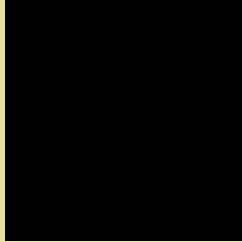
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.3840, 24.4410, -18.9430

Background



This preview shows how black text looks on a background with the YIQ color 220.3840, 24.4410, -18.9430.



This preview shows how white text looks on a background with the YIQ color 220.3840, 24.4410, -18.9430.

-18.9430.

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

220.3840, 24.4410, -18.9430

Protanopia

221.2000, 30.9510, -15.7770

Deuteranopia

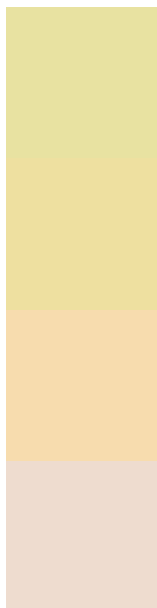
223.6710, 34.4790, -2.6170



Tritanopia

226.1140, 8.8470, 10.3750

Trichromacy



Original Color

220.3840, 24.4410, -18.9430

Protanomaly

220.8900, 28.8880, -16.9360

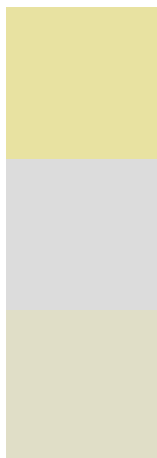
Deuteranomaly

222.8290, 30.8580, -8.5820

Tritanomaly

223.9000, 14.9010, -0.2270

Monochromacy



Original Color

220.3840, 24.4410, -18.9430

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.9760, 8.5750, -6.7290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.3840, 24.4410, -18.9430 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(232, 226, 161)` looks like.

```
.text, #text, p{  
    color:rgb(232, 226, 161)  
}
```

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(232, 226, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 226, 161) }
```

Border

The CSS property to change the border of an element to YIQ 220.3840, 24.4410, -18.9430 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(232, 226, 161) }
```


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

```
.border{ border-color:rgb(232, 226, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 226, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 226, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 226, 161); box-shadow:4px 4px 4px 4px rgb(232, 226, 161) }
```

Background

The CSS property to change the background color of an element to YIQ 220.3840, 24.4410, -18.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 226, 161) }
```

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

```
.background{ background-color: rgb(232,  
226, 161) }
```

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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