

Converting Colors

YIQ(231.3520, 19.4400, 0.1120)

Have a look what the booklet for
YIQ(231.3520, 19.4400, 0.1120)
contains.

YIQ(231.3520, 19.4400, 0.1120)	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(231.3520, 19.4400,
0.1120)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE2D2
RGB	250, 226, 210
RGB Percent	98%, 89%, 82%
CMY	0.0196, 0.1137, 0.1764
CMYK	0.00, 0.10, 0.16, 0.02
HSL	24°, 80%, 90%
HSV	24°, 16%, 98%
XYZ	78.2580, 79.3677, 72.1825
YIQ	231.3520, 19.4400, 0.1120

Conversions

Conversions Part 2

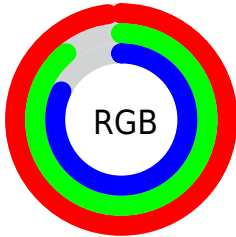
Format	Color
R _Y B	250, 237, 210
Decimal	16442066
CIE Lab	91.40, 5.70, 10.78
CIE LCh	91, 12.198, 62.136
Yxy	79.3677, 0.3405, 0.3454
Android (android.graphics.Color)	4294632146 (0xFFFAE2D2)
YUV	231.3520, -10.5265, 16.3543
Hunter-Lab	89.0886, 0.8946, 14.3232

Details

The YIQ color $231.3520, 19.4400, 0.1120$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $228.6480, -19.4400, -0.1120$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $175.8680, 17.9270, -0.0010$ is the 20% darker color. If you saturate the color by 10%, you get $219.6970, 31.5900, 0.1820$, and if you desaturate by 10%, it is $243.0070, 7.2900, 0.0420$.

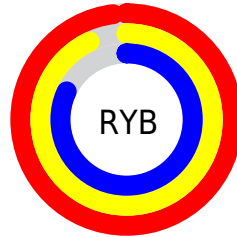
Distribution



Red (98%)

Green (89%)

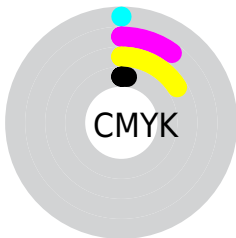
Blue (82%)



Red (98%)

Yellow (93%)

Blue (82%)

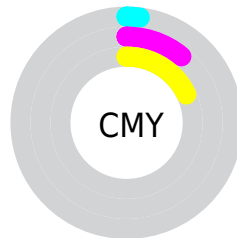


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (2%)



Cyan (2%)

Magenta (11%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.3520, 19.4400, 0.1120 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 231.3520, 19.4400, 0.1120 by changing the saturation by 10% instead.

231.3520, 19.4400,
0.1120

231.3520, 19.4400,
0.1120

255.0000, -0.0000,
-0.0000

203.0530, 18.8440,
-0.1000

175.8680, 17.9270,
-0.0010

148.9820, 17.6060,
0.3100

123.2700, 16.7350,
-0.4250

98.3840, 16.4140,
-0.1140

74.1990, 15.4970,
-0.0150

51.7150, 13.9840,

-0.1280

■ 30.1170, 12.7920,
-0.5520

■ 5.9800, 11.9200,
4.2400

■ 231.3520, 19.4400,
0.1120

■ 231.3520, 19.4400,
0.1120

■ 219.6970, 31.5900,
0.1820

■ 243.0070, 7.2900,
0.0420

■ 208.0420, 43.7400,
0.2520

■ 253.5050, -2.9800,
-1.0600

■ 196.3870, 55.8900,
0.3220

■ 184.7320, 68.0400,
0.3920

■ 173.0770, 80.1900,
0.4620

■ 161.4220, 92.3400,
0.5320

■ 149.7670,
104.4900, 0.6020

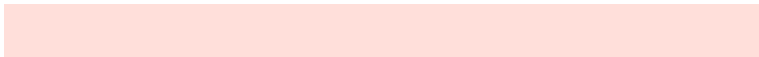
■ 138.1120,
116.6400, 0.6720

■ 133.4500,
121.5000, 0.7000

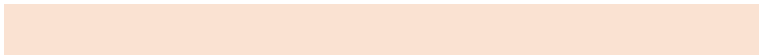
Harmonies

Analogous

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



231.9980, 20.6770, 5.2290



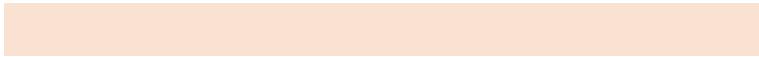
231.3520, 19.4400, 0.1120



230.0690, 12.7470, -5.2450

Triad

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



231.3520, 19.4400, 0.1120



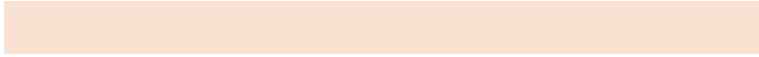
226.4490, -17.7420, -8.8620



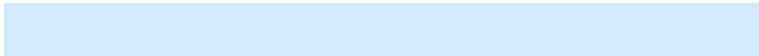
231.7150, -3.2110, 8.6370

Complementary

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



231.3520, 19.4400, 0.1120



228.6480, -19.4400, -0.1120

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.



229.9200, -14.2140, 4.2980



231.3520, 19.4400, 0.1120



226.8060, -23.0610, -6.0770

Square

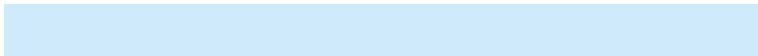
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.3520, 19.4400, 0.1120



227.1850, -8.2510, -10.1630



228.4520, -21.8240, -0.9600



232.8150, 8.2510, 10.1630

Rectangle

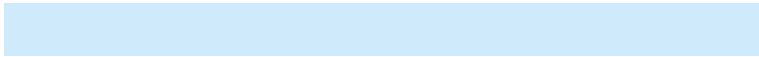
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231.3520, 19.4400, 0.1120



229.0790, 6.7870, -7.3650



228.4520, -21.8240, -0.9600



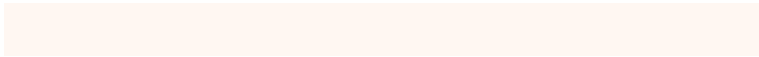
231.0350, -7.1080, 7.6760

Sweetspot

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



231.3520, 19.4400, 0.1120



248.8220, 6.3730, 0.1410



224.8100, 15.8150, 16.2550



124.1530, 3.9430, 0.1270



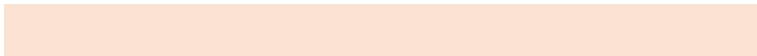
0.0000, 0.0000, 0.0000



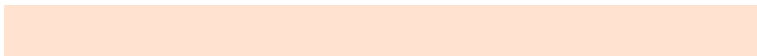
128.0000, -0.0000, -0.0000

Same Dimension

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



231.3520, 19.4400, 0.1120



232.5050, 23.3830, 0.2390



242.5050, 14.2150, -9.8250



118.8220, 6.3730, 0.1410



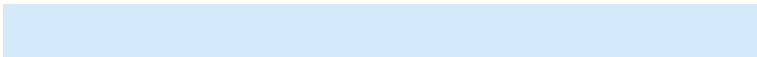
100.5360, 92.0190, 0.8430



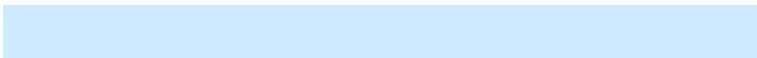
32.3270, 29.7560, 0.3800

Inverse Universe

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



228.6480, -19.4400, -0.1120



229.4950, -23.3830, -0.2390



217.4950, -14.2150, 9.8250



118.1780, -6.3730, -0.1410



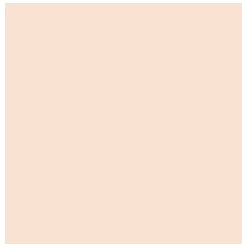
87.8770, -91.7440, -0.3200



28.6730, -29.7560, -0.3800

Previews

White Background



This preview shows how the YIQ color 231.3520, 19.4400, 0.1120 looks on a white background.

Color Contrast Check

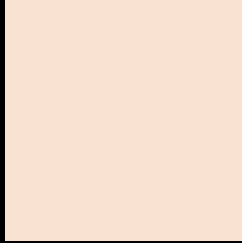
Large Text (above 18pt) WCAG AA × Fail

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 231.3520, 19.4400, 0.1120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

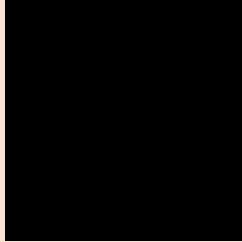
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 231.3520, 19.4400, 0.1120

Background



This preview shows how black text looks on a background with the YIQ color 231.3520, 19.4400, 0.1120.



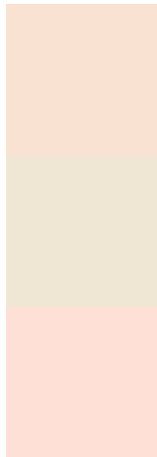
This preview shows how white text looks on a background with the YIQ color 231.3520, 19.4400,

0.1120.

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

231.3520, 19.4400, 0.1120

Protanopia

230.6390, 11.1420, -3.6900

Deuteranopia

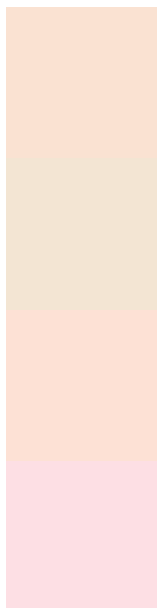
232.1290, 21.6860, 3.4620



Tritanopia

233.5060, 13.6150, 12.0710

Trichromacy



Original Color

231.3520, 19.4400, 0.1120

Protanomaly

231.1340, 14.1220, -2.6300

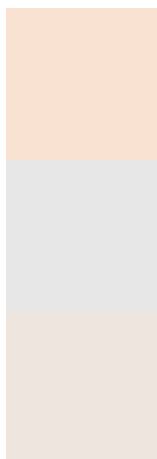
Deuteranomaly

232.0040, 20.5400, 2.2040

Tritanomaly

232.5400, 16.2750, 7.9150

Monochromacy



Original Color

231.3520, 19.4400, 0.1120

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

231.0070, 7.2900, 0.0420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.3520, 19.4400, 0.1120 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(250, 226, 210)` looks like.

```
.text, #text, p{  
    color:rgb(250, 226, 210)  
}
```

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(250, 226, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 226, 210) }
```

Border

The CSS property to change the border of an element to YIQ 231.3520, 19.4400, 0.1120 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(250, 226, 210) }
```


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

```
.border{ border-color:rgb(250, 226, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 226, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 226, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 226, 210);  
box-shadow:4px 4px 4px 4px rgb(250, 226,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 231.3520, 19.4400, 0.1120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 226, 210) }
```

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

```
.background{ background-color: rgb(250,  
226, 210) }
```

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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