

Converting Colors

YIQ(222.6260, 12.0160,
-19.5360)

Have a look what the booklet for
YIQ(222.6260, 12.0160, -19.5360)
contains.

YIQ(222.6260, 12.0160, -19.5360)	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(222.6260, 12.0160,
-19.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE8B0
RGB	222, 232, 176
RGB Percent	87%, 91%, 69%
CMY	0.1295, 0.0902, 0.3097
CMYK	0.04, 0.00, 0.24, 0.09
HSL	71°, 55%, 80%
HSV	71°, 24%, 91%
XYZ	66.8161, 76.3782, 52.3072
YIQ	222.6260, 12.0160, -19.5360

Conversions

Conversions Part 2

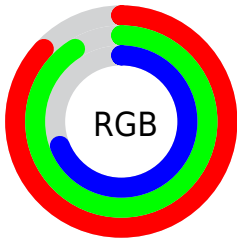
Format	Color
RYB	176, 232, 186
Decimal	14608560
CIELab	90.03, -12.46, 26.18
CIElCh	90, 28.996, 115.460
Yxy	76.3782, 0.3418, 0.3907
Android (android.graphics.Color)	4292798640 (0xFFDEE8B0)
YUV	222.6260, -22.9866, -0.5490
Hunter-Lab	87.3947, -16.4714, 25.6901

Details

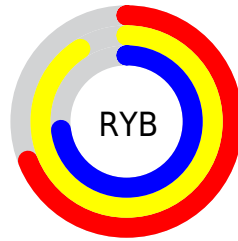
The YIQ color $222.6260, 12.0160, -19.5360$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $185.3740, -12.0160, 19.5360$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.3780, 7.3830, -7.1530$, and $166.9680, 11.0530, -18.6030$ is the 20% darker color. If you saturate the color by 10%, you get $218.8080, 17.0150, -27.5370$, and if you desaturate by 10%, it is $226.4440, 7.0170, -11.5350$.

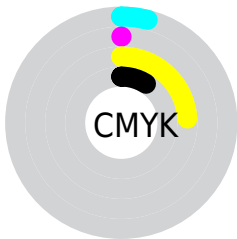
Distribution



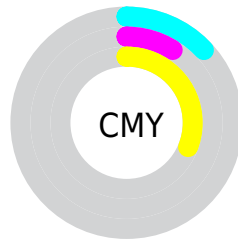
- Red (87%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (73%)



- Cyan (4%)
- Magenta (0%)
- Yellow (24%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.6260, 12.0160, -19.5360 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 222.6260, 12.0160, -19.5360 by changing the saturation by 10% instead.

■ 222.6260, 12.0160,
-19.5360

■ 222.6260, 12.0160,
-19.5360

255.0000, -0.0000,
-0.0000

■ 194.7400, 11.6950,
-19.2250

■ 252.3780, 7.3830,
-7.1530

■ 166.9680, 11.0530,
-18.6030

■ 141.0820, 10.7320,
-18.2920

■ 115.3100, 10.0900,
-17.6700

■ 90.4240, 9.7690,
-17.3590

■ 66.6520, 9.1270,
-16.7370

■ 44.1250, 9.1730,

-17.5710

■ 24.1770, 3.3950,
-11.9730

■ 0.0000, 0.0000,
0.0000

■ 222.6260, 12.0160,
-19.5360

■ 222.6260, 12.0160,
-19.5360

■ 218.8080, 17.0150,
-27.5370

■ 226.4440, 7.0170,
-11.5350

■ 214.9900, 22.0140,
-35.5380

■ 230.2620, 2.0180,
-3.5340

■ 211.0580, 27.3340,
-43.8500

■ 234.1940, -3.3020,
4.7780

■ 206.9410, 31.7370,
-52.0630

■ 236.7150, -3.2110,
8.6370

■ 203.1230, 36.7360,
-60.0640

■ 237.9110, -0.8270,
9.4850

■ 199.3050, 41.7350,
-68.0650

■ 239.1070, 1.5570,
10.3330

■ 195.4870, 46.7340,
-76.0660

■ 240.3030, 3.9410,
11.1810

■ 192.9940, 49.4400,
-81.0560

■ 241.4990, 6.3250,
12.0290

Harmonies

Analogous

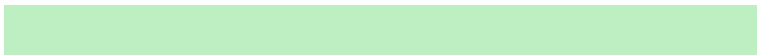
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.4440, 33.3800, -10.2360



222.6260, 12.0160, -19.5360



219.2190, -14.7590, -24.3830

Triad

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



222.6260, 12.0160, -19.5360



215.4200, -54.3290, -12.0970



224.2020, 20.5830, 17.9510

Complementary

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



222.6260, 12.0160, -19.5360



185.3740, -12.0160, 19.5360

Split Complementary

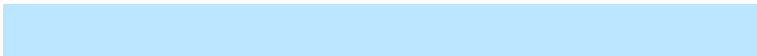
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.7590, 11.8250, 22.4890



222.6260, 12.0160, -19.5360



219.9930, -33.6530, -1.3410

Square

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



222.6260, 12.0160, -19.5360



214.3930, -58.8670, -17.9630



226.0720, -8.5300, 11.4220



221.5970, 29.2960, 8.7200

Rectangle

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



222.6260, 12.0160, -19.5360



216.4650, -33.0070, -24.0710



226.0720, -8.5300, 11.4220



225.8150, 17.4190, 20.2270

Sweetspot

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



222.6260, 12.0160, -19.5360



252.0510, 3.9900, -6.2340



198.0270, 30.9010, 7.1650



126.1480, 2.3390, -3.8450



0.0000, 0.0000, 0.0000



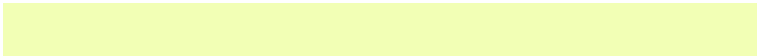
128.0000, -0.0000, -0.0000

Same Dimension

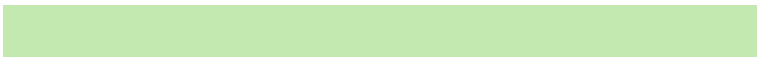
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.6260, 12.0160, -19.5360



242.6770, 16.0060, -25.7700



214.5530, -4.0760, -25.2600



113.0340, 2.6600, -4.1560



149.0260, 38.3870, -62.4530



42.4950, 11.0070, -17.7690

Inverse Universe

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



185.3740, -12.0160, 19.5360



193.3230, -16.0060, 25.7700



193.4470, 4.0760, 25.2600



104.9660, -2.6600, 4.1560



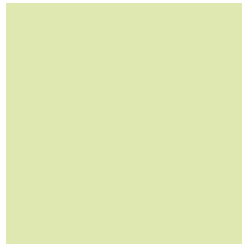
29.9740, -38.3870, 62.4530



8.5050, -11.0070, 17.7690

Previews

White Background



This preview shows how the YIQ color 222.6260, 12.0160, -19.5360 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 222.6260, 12.0160, -19.5360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

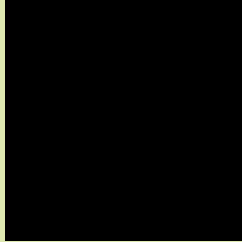
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.6260, 12.0160, -19.5360

Background



This preview shows how black text looks on a background with the YIQ color 222.6260, 12.0160, -19.5360.



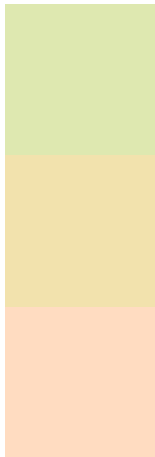
This preview shows how white text looks on a background with the YIQ color 222.6260, 12.0160,

-19.5360.

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

222.6260, 12.0160, -19.5360

Protanopia

224.7420, 26.5490, -13.0910

Deuteranopia

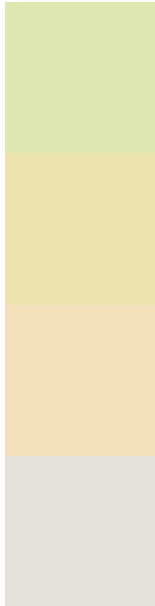
227.3870, 29.5270, -0.9770



Tritanopia

227.4440, -1.0100, 7.2940

Trichromacy



Original Color

222.6260, 12.0160, -19.5360

Protanomaly

223.9370, 21.5060, -15.3100

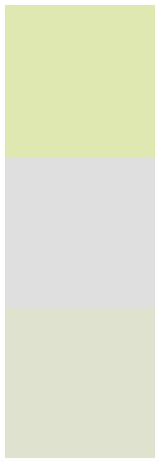
Deuteranomaly

225.4630, 23.2010, -7.4790

Tritanomaly

225.5720, 4.0810, -2.3750

Monochromacy



Original Color

222.6260, 12.0160, -19.5360

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

222.8230, 4.6320, -6.8560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.6260, 12.0160, -19.5360 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(222, 232, 176)` looks like.

```
.text, #text, p{  
    color:rgb(222, 232, 176)  
}
```

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(222, 232, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 232, 176) }
```

Border

The CSS property to change the border of an element to YIQ 222.6260, 12.0160, -19.5360 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(222, 232, 176) }
```


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

```
.border{ border-color:rgb(222, 232, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 232, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 232, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 232, 176);  
box-shadow:4px 4px 4px 4px rgb(222, 232,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 222.6260, 12.0160, -19.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 232, 176) }
```

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

```
.background{ background-color: rgb(222,  
232, 176) }
```

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