

Converting Colors

YIQ(238.1760, 5.1360, -4.9760)

Have a look what the booklet for
YIQ(238.1760, 5.1360, -4.9760)
contains.

YIQ(238.1760, 5.1360, -4.9760)	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(238.1760, 5.1360,
-4.9760)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F0E0
RGB	240, 240, 224
RGB Percent	94%, 94%, 88%
CMY	0.0588, 0.0588, 0.1215
CMYK	0.00, 0.00, 0.07, 0.06
HSL	60°, 35%, 91%
HSV	60°, 7%, 94%
XYZ	80.5501, 86.2272, 82.9250
YIQ	238.1760, 5.1360, -4.9760

Conversions

Conversions Part 2

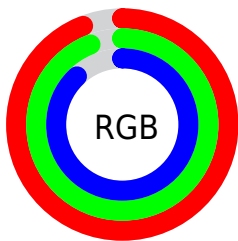
Format	Color
R_YB	224, 240, 224
Decimal	15790304
CIE Lab	94.41, -2.74, 7.72
CIE LCh	94, 8.188, 109.533
Yxy	86.2272, 0.3226, 0.3453
Android (android.graphics.Color)	4293980384 (0xFFFF0F0E0)
YUV	238.1760, -6.9888, 1.5996
Hunter-Lab	92.8586, -7.6630, 12.0536

Details

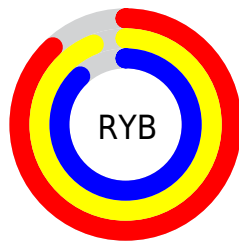
The YIQ color $238.1760, 5.1360, -4.9760$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $225.8240, -5.1360, 4.9760$, and the grayscale version is $238.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.2900, 4.8150, -4.6650$ is the 20% darker color. If you saturate the color by 10%, you get $235.4400, 12.8400, -12.4400$, and if you desaturate by 10%, it is $240.9120, -2.5680, 2.4880$.

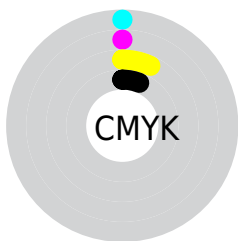
Distribution



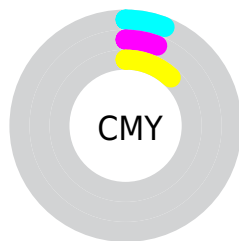
- Red (94%)
- Green (94%)
- Blue (88%)



- Red (88%)
- Yellow (94%)
- Blue (88%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (6%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.1760, 5.1360, -4.9760 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 238.1760, 5.1360, -4.9760 by changing the saturation by 10% instead.

■ 238.1760, 5.1360,
-4.9760

■ 238.1760, 5.1360,
-4.9760

255.0000, -0.0000,
-0.0000

■ 210.1760, 5.1360,
-4.9760

■ 182.2900, 4.8150,
-4.6650

■ 155.2900, 4.8150,
-4.6650

■ 129.4040, 4.4940,
-4.3540

■ 104.4040, 4.4940,
-4.3540

■ 80.5180, 4.1730,
-4.0430

■ 57.5180, 4.1730,

-4.0430

■ 35.7460, 3.5310,
-3.4210

■ 14.1760, 5.1360,
-4.9760

■ 238.1760, 5.1360,
-4.9760

■ 238.1760, 5.1360,
-4.9760

■ 235.4400, 12.8400,
-12.4400

■ 240.9120, -2.5680,
2.4880

■ 232.7040, 20.5440,
-19.9040

■ 241.7100, -4.8150,
4.6650

■ 229.9680, 28.2480,
-27.3680

■ 227.2320, 35.9520,
-34.8320

■ 224.4960, 43.6560,
-42.2960

■ 221.7600, 51.3600,
-49.7600

■ 219.0240, 59.0640,
-57.2240

■ 216.2880, 66.7680,
-64.6880

■ 213.5520, 74.4720,
-72.1520

Harmonies

Analogous

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



239.1060, 11.3250, -1.4990



238.1760, 5.1360, -4.9760



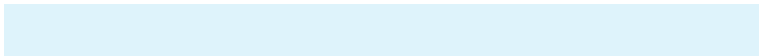
237.1150, -2.0620, -6.6860

Triad

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



238.1760, 5.1360, -4.9760



237.6330, -15.0840, -1.9640



240.8920, 9.3520, 6.7280

Complementary

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



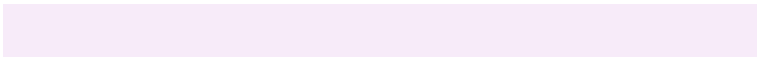
238.1760, 5.1360, -4.9760



225.8240, -5.1360, 4.9760

Split Complementary

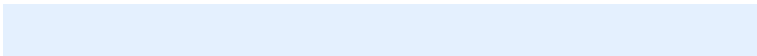
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.1840, 2.6580, 6.8980



238.1760, 5.1360, -4.9760



238.0080, -11.6460, 1.8100

Square

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



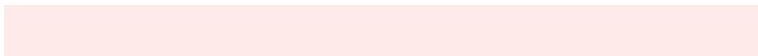
238.1760, 5.1360, -4.9760



236.8240, -14.3040, -5.0880



239.5250, -5.7320, 4.7640



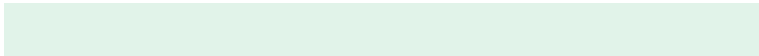
240.2790, 12.5160, 4.4520

Rectangle

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



238.1760, 5.1360, -4.9760



236.4780, -7.5180, -6.9260



239.5250, -5.7320, 4.7640



240.6360, 7.1970, 7.2370

Sweetspot

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



238.1760, 5.1360, -4.9760



254.4300, 1.6050, -1.5550



228.7840, 9.5360, 3.3920



127.3590, 0.3670, -1.1450



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

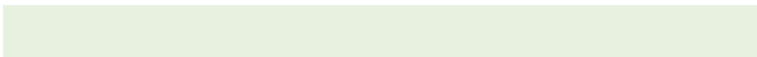
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.1760, 5.1360, -4.9760



252.7200, 6.4200, -6.2200



235.7840, 0.3680, -6.6720



118.6320, 3.8520, -3.7320



163.0240, 59.0640, -57.2240



49.6160, 17.9760, -17.4160

Inverse Universe

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



225.8240, -5.1360, 4.9760



237.2800, -6.4200, 6.2200



228.2160, -0.3680, 6.6720



109.3680, -3.8520, 3.7320



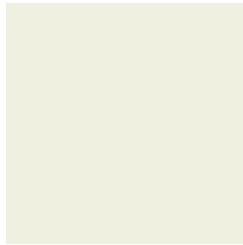
20.9760, -59.0640, 57.2240



6.3840, -17.9760, 17.4160

Previews

White Background



This preview shows how the YIQ color 238.1760, 5.1360, -4.9760 looks on a white background.

Color Contrast Check

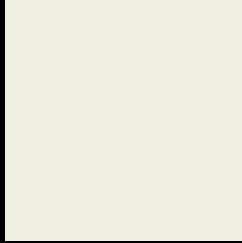
Large Text (above 18pt) WCAG AA × Fail

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 238.1760, 5.1360, -4.9760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

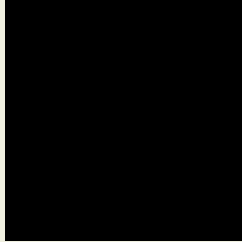
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

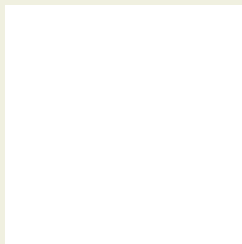
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 238.1760, 5.1360, -4.9760

Background



This preview shows how black text looks on a background with the YIQ color 238.1760, 5.1360, -4.9760.



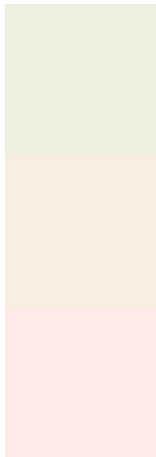
This preview shows how white text looks on a background with the YIQ color 238.1760, 5.1360, -4.9760.

-4.9760.

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

238.1760, 5.1360, -4.9760

Protanopia

238.9810, 10.1790, -2.7570

Deuteranopia

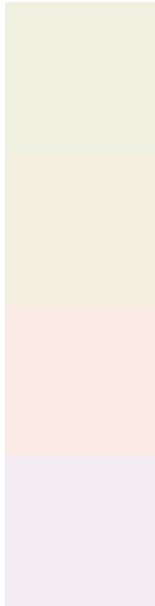
240.0510, 13.1580, 3.8300



Tritanopia

240.4440, -1.0100, 7.2940

Trichromacy



Original Color

238.1760, 5.1360, -4.9760

Protanomaly

238.6710, 8.1160, -3.9160

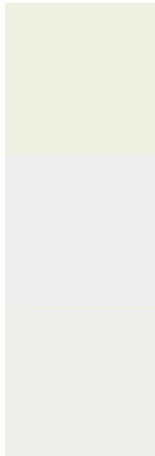
Deuteranomaly

239.3880, 10.5910, 0.7910

Tritanomaly

239.4780, 1.6500, 3.1380

Monochromacy



Original Color

238.1760, 5.1360, -4.9760

Achromatopsia

238.0000, -0.0000, 0.0000

Achromatomaly

238.3160, 1.9260, -1.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.1760, 5.1360, -4.9760 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(240, 240, 224)` looks like.

```
.text, #text, p{  
    color:rgb(240, 240, 224)  
}
```

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(240, 240, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 240, 224) }
```

Border

The CSS property to change the border of an element to YIQ 238.1760, 5.1360, -4.9760 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(240, 240, 224) }
```


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

```
.border{ border-color:rgb(240, 240, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 240, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 240, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 240, 224);  
box-shadow:4px 4px 4px 4px rgb(240, 240,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 238.1760, 5.1360, -4.9760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 240, 224) }
```

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

```
.background{ background-color: rgb(240,  
240, 224) }
```

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