

Converting Colors

YIQ(212.7360, -26.0400,
-12.6640)

Have a look what the booklet for
YIQ(212.7360, -26.0400, -12.6640)
contains.

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Color

**YIQ(212.7360, -26.0400,
-12.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E4DC
RGB	180, 228, 220
RGB Percent	71%, 89%, 86%
CMY	0.2942, 0.1058, 0.1373
CMYK	0.21, 0.00, 0.04, 0.11
HSL	170°, 47%, 80%
HSV	170°, 21%, 89%
XYZ	59.4792, 70.3635, 78.1396
YIQ	212.7360, -26.0400, -12.6640

Conversions

Conversions Part 2

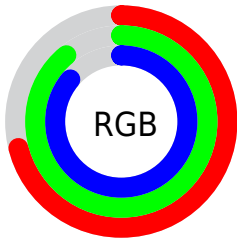
Format	Color
RYB	180, 206, 228
Decimal	11855068
CIELab	87.17, -17.05, -1.17
CIELCh	87, 17.086, 183.937
Yxy	70.3635, 0.2860, 0.3383
Android (android.graphics.Color)	4290045148 (0xFFB4E4DC)
YUV	212.7360, 3.5812, -28.7095
Hunter-Lab	83.8830, -20.2255, 3.4876

Details

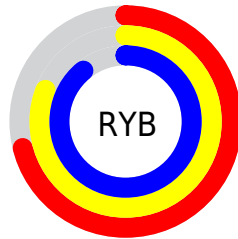
The YIQ color $212.7360, -26.0400, -12.6640$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $195.2640, 26.0400, 12.6640$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.3190, -11.3240, -4.0280$, and $157.4480, -25.1690, -11.9290$ is the 20% darker color. If you saturate the color by 10%, you get $205.4030, -38.4640, -18.7840$, and if you desaturate by 10%, it is $220.0690, -13.6160, -6.5440$.

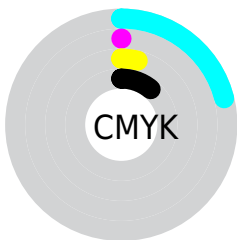
Distribution



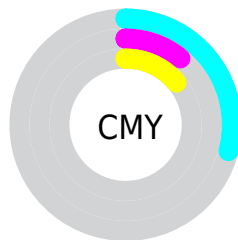
- Red (71%)
- Green (89%)
- Blue (86%)



- Red (71%)
- Yellow (81%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (29%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.7360, -26.0400, -12.6640 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 212.7360, -26.0400, -12.6640 by changing the saturation by 10% instead.

■ 212.7360,
-26.0400, -12.6640

■ 212.7360,
-26.0400, -12.6640

■ 255.0000, -0.0000,
-0.0000

■ 185.0350,
-25.4440, -12.4520

■ 249.3190,
-11.3240, -4.0280

■ 158.0350,
-25.4440, -12.4520

■ 131.4480,
-25.1690, -11.9290

■ 105.7470,
-24.5730, -11.7170

■ 81.1600, -24.2980,
-11.1940

■ 56.9750, -25.2150,
-11.0950

■ 33.7790, -27.5990,

-11.9430

■ 19.6450, -15.3580,
-8.0140

■ 0.0000, 0.0000,
0.0000

■ 212.7360,
-26.0400, -12.6640

■ 212.7360,
-26.0400, -12.6640

■ 205.4030,
-38.4640, -18.7840

■ 220.0690,
-13.6160, -6.5440

■ 198.0700,
-50.8880, -24.9040

■ 227.4020, -1.1920,
-0.4240

■ 191.1500,
-63.0370, -30.5010

■ 234.3220, 10.9570,
5.1730

■ 183.8170,
-75.4610, -36.6210

■ 236.8710, 13.8450,
7.9010

■ 176.4840,
-87.8850, -42.7410

■ 237.3270, 12.5610,
9.1450

■ 169.1510,
-100.3090, -48.8610

■ 237.7830, 11.2770,
10.3890

■ 161.8180,
-112.7330, -54.9810

■ 238.2390, 9.9930,
11.6330

■ 155.4960,
-123.6900, -60.1540

■ 238.6950, 8.7090,
12.8770

■ 239.0370, 7.7460,
13.8100

Harmonies

Analogous

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



214.2120, -12.8810, -14.3610



212.7360, -26.0400, -12.6640



213.0760, -32.6890, -7.8010

Triad

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



212.7360, -26.0400, -12.6640



220.5240, -3.9910, 11.7610



219.6470, 25.8590, -0.5810

Complementary

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



212.7360, -26.0400, -12.6640



195.2640, 26.0400, 12.6640

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.



220.9450, 28.1960, 6.6280



212.7360, -26.0400, -12.6640



221.6030, 11.9640, 14.4600

Square

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



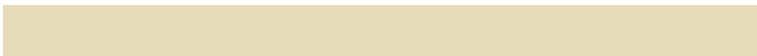
212.7360, -26.0400, -12.6640



217.7500, -19.4870, 6.2490



221.5950, 23.6100, 12.6500



217.6410, 16.8280, -7.6200

Rectangle

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



212.7360, -26.0400, -12.6640



214.0100, -32.3230, -3.4190



221.5950, 23.6100, 12.6500



220.0110, 27.8300, 2.2460

Sweetspot

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



212.7360, -26.0400, -12.6640



250.1730, -7.9770, -4.1130



210.8670, -7.8360, -23.1960



125.0810, -4.7220, -2.5300



0.0000, 0.0000, 0.0000



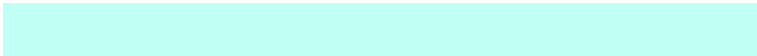
128.0000, -0.0000, -0.0000

Same Dimension

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



212.7360, -26.0400, -12.6640



234.6100, -34.6130, -16.9890



204.8430, -24.4830, -2.3310



111.1840, -6.5100, -3.1660



122.0590, -97.0540, -47.2780



34.7250, -27.5070, -13.6110

Inverse Universe

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



195.2640, 26.0400, 12.6640



211.3900, 34.6130, 16.9890



203.1570, 24.4830, 2.3310



106.8160, 6.5100, 3.1660



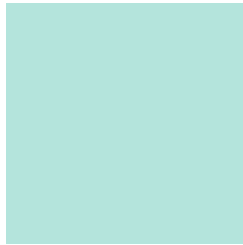
56.9410, 97.0540, 47.2780



16.2750, 27.5070, 13.6110

Previews

White Background



This preview shows how the YIQ color 212.7360, -26.0400, -12.6640 looks on a white background.

Color Contrast Check

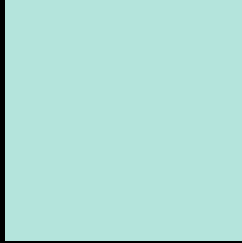
Large Text (above 18pt) WCAG AA × Fail

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 212.7360, -26.0400, -12.6640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

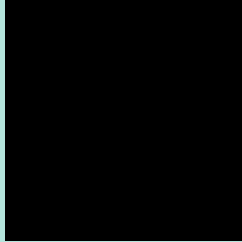
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

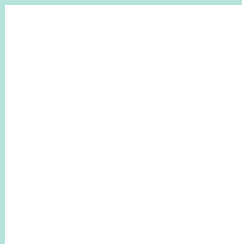
Any Text WCAG AAA ✓ Pass

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

YIQ 212.7360, -26.0400, -12.6640 Background



This preview shows how black text looks on a background with the YIQ color 212.7360, -26.0400, -12.6640.



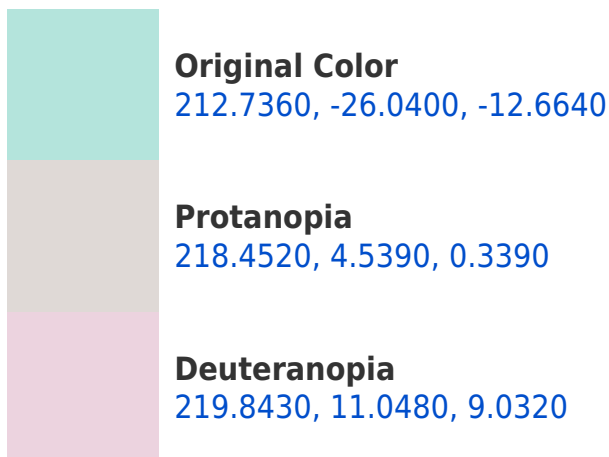
This preview shows how white text looks on a background with the YIQ color 212.7360, -26.0400, -12.6640.

-12.6640.

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

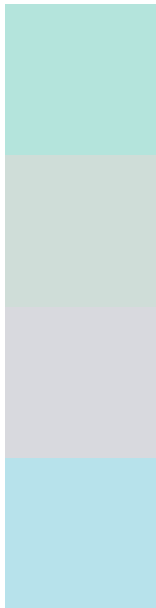




Tritanopia

214.7930, -30.2140, -3.0940

Trichromacy



Original Color

212.7360, -26.0400, -12.6640

Protanomaly

216.2440, -6.7390, -4.5230

Deuteranomaly

217.2710, -2.2010, 1.3430

Tritanomaly

214.1690, -28.5170, -6.3170

Monochromacy



Original Color

212.7360, -26.0400, -12.6640

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.6890, -9.4900, -4.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.7360, -26.0400, -12.6640 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(180, 228, 220)` looks like.

```
.text, #text, p{  
    color:rgb(180, 228, 220)  
}
```

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(180, 228, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 228, 220) }
```

Border

The CSS property to change the border of an element to YIQ 212.7360, -26.0400, -12.6640 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(180, 228, 220) }
```


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

```
.border{ border-color:rgb(180, 228, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 228, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 228, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 228, 220); box-shadow:4px 4px 4px 4px rgb(180, 228, 220) }
```

Background

The CSS property to change the background color of an element to YIQ 212.7360, -26.0400, -12.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 228, 220) }
```

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

```
.background{ background-color: rgb(180,  
228, 220) }
```

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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