

Converting Colors

YIQ(208.7850, -1.3730,
-13.6690)

Have a look what the booklet for
YIQ(208.7850, -1.3730, -13.6690)
contains.

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Color

**YIQ(208.7850, -1.3730,
-13.6690)**

Conversions

Conversions Part 1

Format	Color
Hex	C7DABB
RGB	199, 218, 187
RGB Percent	78%, 85%, 73%
CMY	0.2197, 0.1450, 0.2666
CMYK	0.09, 0.00, 0.14, 0.15
HSL	97°, 30%, 79%
HSV	97°, 14%, 85%
XYZ	57.5924, 65.8748, 56.6960
YIQ	208.7850, -1.3730, -13.6690

Conversions

Conversions Part 2

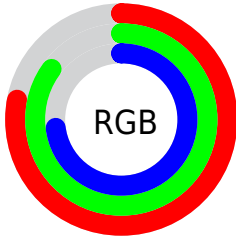
Format	Color
RYB	187, 218, 206
Decimal	13097659
CIELab	84.93, -11.95, 13.12
CIELCh	85, 17.747, 132.332
Yxy	65.8748, 0.3197, 0.3656
Android (android.graphics.Color)	4291287739 (0xFFC7DABB)
YUV	208.7850, -10.7400, -8.5814
Hunter-Lab	81.1633, -15.3745, 15.3977

Details

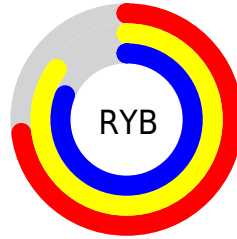
The YIQ color $208.7850, -1.3730, -13.6690$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $196.2150, 1.3730, 13.6690$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.6320, 3.8520, -3.7320$, and $154.3120, -1.4190, -12.8350$ is the 20% darker color. If you saturate the color by 10%, you get $202.3900, -2.0590, -23.2670$, and if you desaturate by 10%, it is $215.1800, -0.6870, -4.0710$.

Distribution



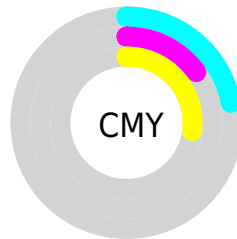
- Red (78%)
- Green (85%)
- Blue (73%)



- Red (73%)
- Yellow (85%)
- Blue (81%)



- Cyan (9%)
- Magenta (0%)
- Yellow (14%)
- Black (15%)



- Cyan (22%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 208.7850, -1.3730, -13.6690 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 208.7850, -1.3730, -13.6690 by changing the saturation by 10% instead.

 208.7850, -1.3730,
-13.6690


 208.7850, -1.3730,
-13.6690

255.0000, -0.0000,
-0.0000


 181.1980, -1.0980,
-13.1460


 253.6320, 3.8520,
-3.7320

 154.3120, -1.4190,
-12.8350

 128.3120, -1.4190,
-12.8350

 102.8390, -1.4650,
-12.0010

 78.9530, -1.7860,
-11.6900

 56.3660, -1.5110,
-11.1670

 34.4800, -1.8320,

-10.8560

■ 12.9140, -6.0500,
-11.5060

■ 0.0000, 0.0000,
0.0000

■ 208.7850, -1.3730,
-13.6690

■ 208.7850, -1.3730,
-13.6690

■ 202.3900, -2.0590,
-23.2670

■ 215.1800, -0.6870,
-4.0710

■ 195.6960, -3.3410,
-33.0770

■ 221.8740, 0.5950,
5.7390

■ 189.4150, -4.3480,
-42.3640

■ 228.1550, 1.6020,
15.0260

■ 182.7210, -5.6300,
-52.1740

■ 232.6830, 8.9830,
18.9270

■ 176.3260, -6.3160,
-61.7720

■ 233.2810, 10.1750,
19.3510

■ 169.9310, -7.0020,
-71.3700

■ 163.2370, -8.2840,
-81.1800

■ 156.9560, -9.2910,
-90.4670

■ 153.0820, -9.8860,
-96.2060

Harmonies

Analogous

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



210.6190, 13.8940, -9.5140



208.7850, -1.3730, -13.6690



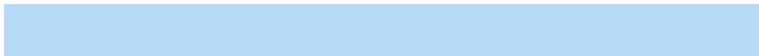
206.7600, -17.4200, -14.7000

Triad

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



208.7850, -1.3730, -13.6690



209.6130, -29.5270, 0.9770



215.3240, 25.8110, 11.3070

Complementary

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



208.7850, -1.3730, -13.6690



196.2150, 1.3730, 13.6690

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.



215.7560, 15.9070, 14.5870



208.7850, -1.3730, -13.6690



212.4840, -15.6820, 8.8780

Square

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



208.7850, -1.3730, -13.6690



206.6460, -34.2940, -6.2460



214.9160, 0.7770, 13.4570



214.0760, 29.2050, 4.8610

Rectangle

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



208.7850, -1.3730, -13.6690



206.3230, -26.3150, -13.1870



214.9160, 0.7770, 13.4570



215.5950, 23.6100, 12.6500

Sweetspot

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



208.7850, -1.3730, -13.6690



252.0660, -0.3660, -4.3820



207.4220, 13.2510, -3.3650



126.0060, -0.1370, -3.0250



0.0000, 0.0000, 0.0000



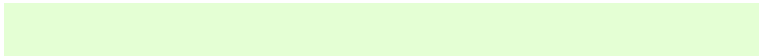
128.0000, -0.0000, -0.0000

Same Dimension

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



208.7850, -1.3730, -13.6690



242.0250, -2.2890, -19.0970



205.5390, -9.4880, -15.2800



106.6530, -0.6410, -4.9050



121.5840, -7.6430, -76.2750



32.3840, -1.9220, -20.2420

Inverse Universe

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



196.2150, 1.3730, 13.6690



224.6760, 1.6930, 18.8850



199.4610, 9.4880, 15.2800



102.0480, 0.0450, 4.6930



51.4160, 7.6430, 76.2750



13.6160, 1.9220, 20.2420

Previews

White Background



This preview shows how the YIQ color 208.7850, -1.3730, -13.6690 looks on a white background.

Color Contrast Check

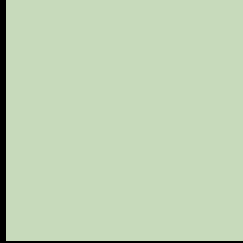
Large Text (above 18pt) WCAG AA × Fail

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 208.7850, -1.3730, -13.6690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

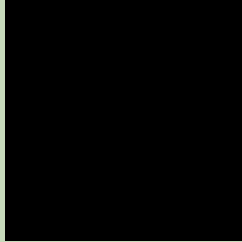
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.7850, -1.3730, -13.6690

Background



This preview shows how black text looks on a background with the YIQ color 208.7850, -1.3730, -13.6690.



This preview shows how white text looks on a background with the YIQ color 208.7850, -1.3730,

-13.6690.

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

208.7850, -1.3730, -13.6690

Protanopia

211.2110, 15.2230, -6.0650

Deuteranopia

213.1680, 25.9500, 3.2780



Tritanopia

211.8450, -9.6290, 3.8030

Trichromacy



Original Color

208.7850, -1.3730, -13.6690

Protanomaly

210.6940, 9.3090, -9.0190

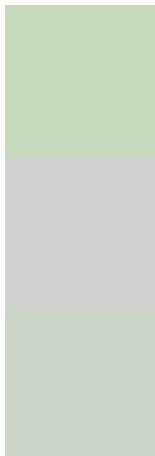
Deuteranomaly

211.5040, 15.9560, -2.8280

Tritanomaly

210.7110, -6.5560, -2.3320

Monochromacy



Original Color

208.7850, -1.3730, -13.6690

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.6530, -0.6410, -4.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.7850, -1.3730, -13.6690 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(199, 218, 187)` looks like.

```
.text, #text, p{  
    color:rgb(199, 218, 187)  
}
```

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(199, 218, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 218, 187) }
```

Border

The CSS property to change the border of an element to YIQ 208.7850, -1.3730, -13.6690 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(199, 218, 187) }
```


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

```
.border{ border-color:rgb(199, 218, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 218, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 218, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 218, 187);  
box-shadow:4px 4px 4px 4px rgb(199, 218,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 208.7850, -1.3730, -13.6690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 218, 187) }
```

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

```
.background{ background-color: rgb(199,  
218, 187) }
```

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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