

Converting Colors

YIQ(202.7880, -23.7910,
-25.8950)

Have a look what the booklet for
YIQ(202.7880, -23.7910, -25.8950)
contains.

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Color

**YIQ(202.7880, -23.7910,
-25.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	A4E2B9
RGB	164, 226, 185
RGB Percent	64%, 89%, 73%
CMY	0.3570, 0.1136, 0.2746
CMYK	0.27, 0.00, 0.18, 0.11
HSL	140°, 52%, 76%
HSV	140°, 27%, 89%
XYZ	51.2594, 65.7968, 55.8885
YIQ	202.7880, -23.7910, -25.8950

Conversions

Conversions Part 2

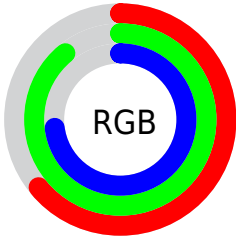
Format	Color
RYB	164, 210, 226
Decimal	10805945
CIELab	84.89, -27.89, 13.82
CIELCh	85, 31.129, 153.646
Yxy	65.7968, 0.2964, 0.3804
Android (android.graphics.Color)	4288996025 (0xFFA4E2B9)
YUV	202.7880, -8.7695, -34.0171
Hunter-Lab	81.1152, -29.1515, 15.9297

Details

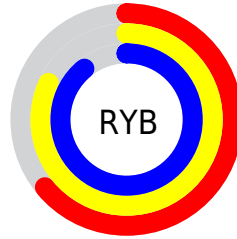
The YIQ color **202.7880, -23.7910, -25.8950** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **187.2120, 23.7910, 25.8950**, and the grayscale version is **203.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **242.9390, -16.3660, -11.7740**, and **148.0270, -22.9660, -24.3260** is the 20% darker color. If you saturate the color by 10%, you get **194.2010, -32.6840, -35.4360**, and if you desaturate by 10%, it is **211.3750, -14.8980, -16.3540**.

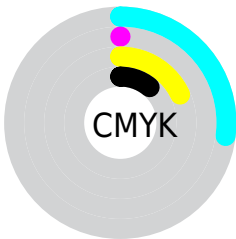
Distribution



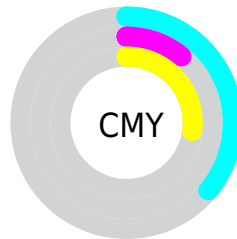
- Red (64%)
- Green (89%)
- Blue (73%)



- Red (64%)
- Yellow (82%)
- Blue (89%)



- Cyan (27%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)



- Cyan (36%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.7880, -23.7910, -25.8950 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 202.7880, -23.7910, -25.8950 by changing the saturation by 10% instead.

■ 202.7880,
-23.7910, -25.8950

■ 202.7880,
-23.7910, -25.8950

■ 255.0000, -0.0000,
-0.0000

■ 175.2010,
-23.5160, -25.3720

■ 242.9390,
-16.3660, -11.7740

■ 147.7280,
-23.5620, -24.5380

■ 253.2060, -3.5760,
-1.2720

■ 122.1410,
-23.2870, -24.0150

■ 96.2550, -23.6080,
-23.7040

■ 71.4830, -24.2500,
-23.0820

■ 45.6180, -29.0640,
-23.9440

■ 28.9400, -18.1070,

-18.7710

■ 15.2620, -7.1500,
-13.5980

■ 0.0000, 0.0000,
0.0000

■ 202.7880,
-23.7910, -25.8950

■ 202.7880,
-23.7910, -25.8950

■ 194.2010,
-32.6840, -35.4360

■ 211.3750,
-14.8980, -16.3540

■ 185.9130,
-40.9810, -44.7650

■ 219.6630, -6.6010,
-7.0250

■ 177.3260,
-49.8740, -54.3060

■ 228.2500, 2.2920,
2.5160

■ 169.0380,
-58.1710, -63.6350

■ 236.5380, 10.5890,
11.8450

■ 160.4510,
-67.0640, -73.1760

■ 237.9770, 7.9750,
15.1670

■ 151.8640,
-75.9570, -82.7170

■ 143.5760,
-84.2540, -92.0460

■ 141.4400,
-86.8670, -94.2510

Harmonies

Analogous

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



206.8100, 5.5060, -22.7020



202.7880, -23.7910, -25.8950



199.2980, -51.5300, -24.2820

Triad

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



202.7880, -23.7910, -25.8950



207.9210, -33.1500, 6.0660



210.1700, 40.8040, 9.4120

Complementary

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



202.7880, -23.7910, -25.8950



187.2120, 23.7910, 25.8950

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.



211.6010, 32.6410, 19.6890



202.7880, -23.7910, -25.8950



214.3100, -5.9640, 19.9880

Square

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



202.7880, -23.7910, -25.8950



201.8420, -58.2730, -6.6970



216.7710, 20.7190, 26.5030



212.4720, 45.3450, -1.3030

Rectangle

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



202.7880, -23.7910, -25.8950



197.5880, -63.9100, -20.1820



216.7710, 20.7190, 26.5030



210.6090, 38.1900, 12.7340

Sweetspot

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



202.7880, -23.7910, -25.8950



247.5380, -7.7470, -8.2830



212.6530, 7.3860, -23.7340



123.0870, -4.8590, -5.5550



0.0000, 0.0000, 0.0000



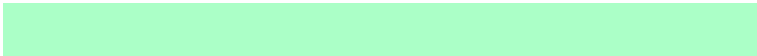
128.0000, -0.0000, -0.0000

Same Dimension

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



202.7880, -23.7910, -25.8950



223.5000, -32.0880, -35.2240



206.3220, -33.7420, -16.2540



107.9130, -4.3090, -4.5090



110.1520, -67.6600, -73.3880



30.0000, -18.3360, -20.1280

Inverse Universe

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



187.2120, 23.7910, 25.8950



202.3860, 32.4090, 34.9130



183.6780, 33.7420, 16.2540



105.0870, 4.3090, 4.5090



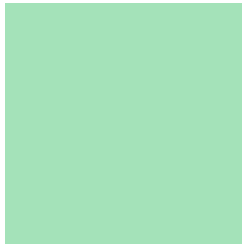
65.8480, 67.6600, 73.3880



18.0000, 18.3360, 20.1280

Previews

White Background



This preview shows how the YIQ color 202.7880, -23.7910, -25.8950 looks on a white background.

Color Contrast Check

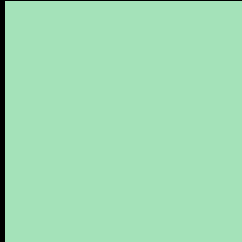
Large Text (above 18pt) WCAG AA × Fail

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 202.7880, -23.7910, -25.8950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

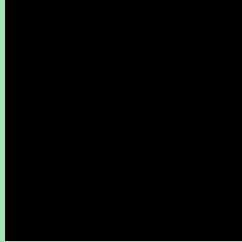
Any Text WCAG AA ✓ Pass

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 202.7880, -23.7910, -25.8950 Background



This preview shows how black text looks on a background with the YIQ color 202.7880, -23.7910, -25.8950.



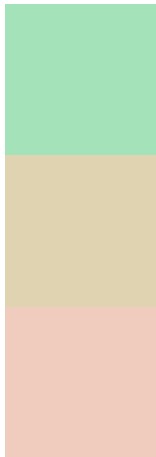
This preview shows how white text looks on a background with the YIQ color 202.7880, -23.7910, -25.8950.

-25.8950.

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

202.7880, -23.7910, -25.8950

Protanopia

210.7120, 18.0660, -8.0300

Deuteranopia

212.8690, 25.3540, 3.0660



Tritanopia

207.4830, -32.2770, -4.2530

Trichromacy



Original Color

202.7880, -23.7910, -25.8950



Protanomaly

207.7100, 3.2120, -14.1640



Deuteranomaly

209.2640, 7.7040, -7.4640



Tritanomaly

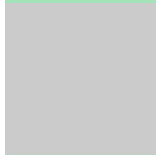
205.8820, -29.3870, -12.5790

Monochromacy



Original Color

202.7880, -23.7910, -25.8950



Achromatopsia

203.0000, 0.0000, -0.0000



Achromatomaly

202.7120, -8.2970, -9.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.7880, -23.7910, -25.8950 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(164, 226, 185)` looks like.

```
.text, #text, p{  
    color:rgb(164, 226, 185)  
}
```

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(164, 226, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 226, 185) }
```

Border

The CSS property to change the border of an element to YIQ 202.7880, -23.7910, -25.8950 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(164, 226, 185) }
```


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

```
.border{ border-color:rgb(164, 226, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 226, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 226, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 226, 185); box-shadow:4px 4px 4px 4px rgb(164, 226, 185) }
```

Background

The CSS property to change the background color of an element to YIQ 202.7880, -23.7910, -25.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 226, 185) }
```

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

```
.background{ background-color: rgb(164,  
226, 185) }
```

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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