

Converting Colors

YIQ(200.3880, -24.9400,
-10.5720)

Have a look what the booklet for
YIQ(200.3880, -24.9400, -10.5720)
contains.

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Color

**YIQ(200.3880, -24.9400,
-10.5720)**

Conversions

Conversions Part 1

Format	Color
Hex	AAD6D2
RGB	170, 214, 210
RGB Percent	67%, 84%, 82%
CMY	0.3334, 0.1607, 0.1766
CMYK	0.21, 0.00, 0.02, 0.16
HSL	174°, 35%, 75%
HSV	174°, 21%, 84%
XYZ	52.2527, 61.2974, 70.0344
YIQ	200.3880, -24.9400, -10.5720

Conversions

Conversions Part 2

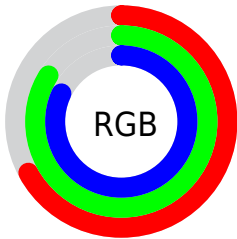
Format	Color
RYB	170, 193, 214
Decimal	11196114
CIELab	82.54, -15.13, -2.75
CIELCh	83, 15.382, 190.293
Yxy	61.2974, 0.2846, 0.3339
Android (android.graphics.Color)	4289386194 (0xFFAAD6D2)
YUV	200.3880, 4.7387, -26.6503
Hunter-Lab	78.2927, -17.8808, 1.7688

Details

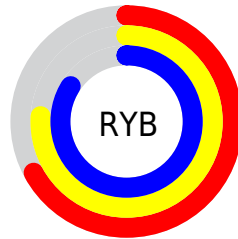
The YIQ color $200.3880, -24.9400, -10.5720$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $183.6120, 24.9400, 10.5720$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $246.3290, -17.2840, -6.1480$, and $146.1000, -24.0690, -9.8370$ is the 20% darker color. If you saturate the color by 10%, you get $193.8810, -36.8140, -15.6460$, and if you desaturate by 10%, it is $206.8950, -13.0660, -5.4980$.

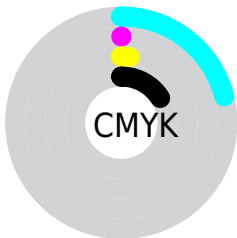
Distribution



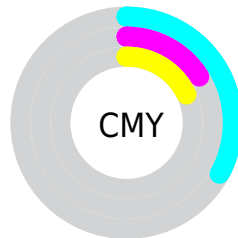
- Red (67%)
- Green (84%)
- Blue (82%)



- Red (67%)
- Yellow (76%)
- Blue (84%)



- Cyan (21%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)



- Cyan (33%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.3880, -24.9400, -10.5720 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 200.3880, -24.9400, -10.5720 by changing the saturation by 10% instead.

■ 200.3880,
-24.9400, -10.5720

■ 200.3880,
-24.9400, -10.5720

■ 255.0000, -0.0000,
-0.0000

■ 172.6870,
-24.3440, -10.3600

■ 246.3290,
-17.2840, -6.1480

■ 146.1000,
-24.0690, -9.8370

■ 120.1000,
-24.0690, -9.8370

■ 95.2850, -23.1520,
-9.9360

■ 70.6980, -22.8770,
-9.4130

■ 47.2140, -24.3900,
-9.5260

■ 26.4100, -22.0060,

-8.6780

■ 11.6890, -9.4900,
-4.2260

■ 0.0000, 0.0000,
0.0000

■ 200.3880,
-24.9400, -10.5720

■ 200.3880,
-24.9400, -10.5720

■ 193.8810,
-36.8140, -15.6460

■ 206.8950,
-13.0660, -5.4980

■ 187.0750,
-49.2840, -20.9320

■ 213.7010, -0.5960,
-0.2120

■ 180.5680,
-61.1580, -26.0060

■ 220.2080, 11.2780,
4.8620

■ 173.7620,
-73.6280, -31.2920

■ 226.7150, 23.1520,
9.9360

■ 167.2550,
-85.5020, -36.3660

■ 226.9430, 22.5100,
10.5580

■ 160.7480,
-97.3760, -41.4400

■ 227.1710, 21.8680,
11.1800

■ 153.9420,
-109.8460, -46.7260

■ 227.3990, 21.2260,
11.8020

■ 147.7340,
-121.1240, -51.5880

■ 227.6270, 20.5840,
12.4240

■ 227.8550, 19.9420,
13.0460

Harmonies

Analogous

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



201.0810, -13.8900, -12.5940



200.3880, -24.9400, -10.5720



200.9840, -29.4340, -6.2180

Triad

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



200.3880, -24.9400, -10.5720



207.2640, -0.3230, 11.3650



205.9670, 21.9620, -1.5420

Complementary

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



200.3880, -24.9400, -10.5720



183.6120, 24.9400, 10.5720

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.



207.2220, 25.8580, 4.9460



200.3880, -24.9400, -10.5720



208.6200, 13.2940, 12.3820

Square

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



200.3880, -24.9400, -10.5720



205.6150, -14.6730, 7.1110



208.5300, 22.2350, 10.0350



204.4880, 12.8850, -7.7470

Rectangle

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



200.3880, -24.9400, -10.5720



202.4020, -27.5550, -1.7230



208.5300, 22.2350, 10.0350



206.8040, 23.9790, 0.4510

Sweetspot

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



200.3880, -24.9400, -10.5720



250.4010, -8.6190, -3.4910



197.0240, -9.7160, -22.1640



125.1950, -5.0430, -2.2190



0.0000, 0.0000, 0.0000



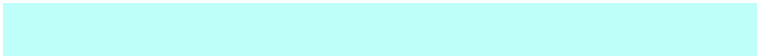
128.0000, -0.0000, -0.0000

Same Dimension

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



200.3880, -24.9400, -10.5720



235.1800, -36.2180, -15.4340



190.2780, -21.2740, 0.0860



103.5970, -6.2350, -2.6430



118.0470, -96.7800, -41.2280



29.6870, -24.3440, -10.3600

Inverse Universe

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



183.6120, 24.9400, 10.5720



210.8200, 36.2180, 15.4340



193.7220, 21.2740, -0.0860



99.4030, 6.2350, 2.6430



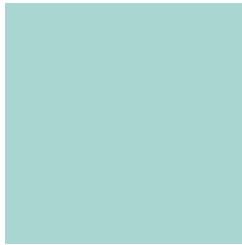
52.9530, 96.7800, 41.2280



13.3130, 24.3440, 10.3600

Previews

White Background



This preview shows how the YIQ color 200.3880, -24.9400, -10.5720 looks on a white background.

Color Contrast Check

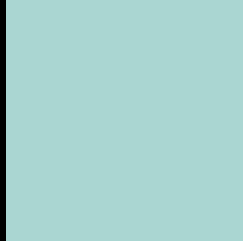
Large Text (above 18pt) WCAG AA × Fail

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 200.3880, -24.9400, -10.5720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

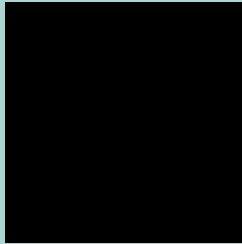
Any Text WCAG AA ✓ Pass

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 200.3880, -24.9400, -10.5720 Background



This preview shows how black text looks on a background with the YIQ color 200.3880, -24.9400, -10.5720.



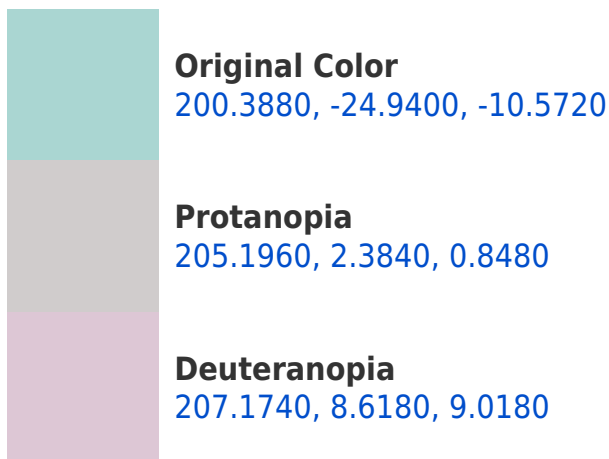
This preview shows how white text looks on a background with the YIQ color 200.3880, -24.9400, -10.5720.

-10.5720.

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

201.8750, -27.5090, -2.5570

Trichromacy



Original Color

200.3880, -24.9400, -10.5720

Protanomaly

203.5860, -7.7020, -3.5900

Deuteranomaly

204.3140, -3.7600, 2.0640

Tritanomaly

201.3650, -26.1330, -5.4690

Monochromacy



Original Color

200.3880, -24.9400, -10.5720

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.1020, -9.2150, -3.7030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.3880, -24.9400, -10.5720 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(170, 214, 210)` looks like.

```
.text, #text, p{  
    color:rgb(170, 214, 210)  
}
```

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(170, 214, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 214, 210) }
```

Border

The CSS property to change the border of an element to YIQ 200.3880, -24.9400, -10.5720 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(170, 214, 210) }
```


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

```
.border{ border-color:rgb(170, 214, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 214, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 214, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 214, 210);  
box-shadow:4px 4px 4px 4px rgb(170, 214,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 200.3880, -24.9400, -10.5720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 214, 210) }
```

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

```
.background{ background-color: rgb(170,  
214, 210) }
```

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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