

Converting Colors

YIQ(202.8640, -2.6130, -2.2050)

Have a look what the booklet for
YIQ(202.8640, -2.6130, -2.2050)
contains.

YIQ(202.8640, -2.6130, -2.2050)	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(202.8640, -2.6130,
-2.2050)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CDCA
RGB	199, 205, 202
RGB Percent	78%, 80%, 79%
CMY	0.2196, 0.1960, 0.2078
CMYK	0.03, 0.00, 0.01, 0.20
HSL	150°, 6%, 79%
HSV	150°, 3%, 80%
XYZ	56.0444, 60.0696, 64.5166
YIQ	202.8640, -2.6130, -2.2050

Conversions

Conversions Part 2

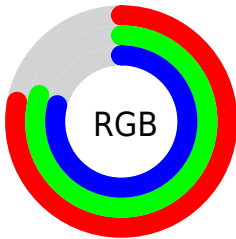
Format	Color
R _Y B	199, 203, 205
Decimal	13094346
CIE Lab	81.88, -2.60, 0.77
CIE LCh	82, 2.713, 163.554
Yxy	60.0696, 0.3103, 0.3326
Android (android.graphics.Color)	4291284426 (0xFFC7CDCA)
YUV	202.8640, -0.4260, -3.3887
Hunter-Lab	77.5046, -6.5576, 4.8988

Details

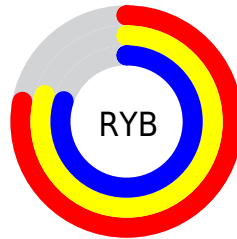
The YIQ color **202.8640, -2.6130, -2.2050** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **201.1360, 2.6130, 2.2050**, and the grayscale version is **203.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **148.8640, -2.6130, -2.2050** is the 20% darker color. If you saturate the color by 10%, you get **195.4450, -11.9190, -9.7670**, and if you desaturate by 10%, it is **209.9840, 6.0970, 5.1450**.

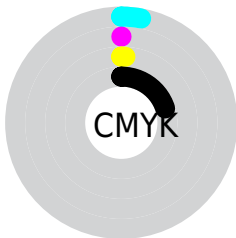
Distribution



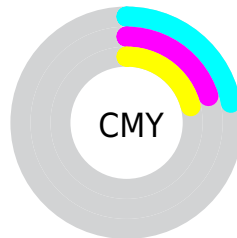
- Red (78%)
- Green (80%)
- Blue (79%)



- Red (78%)
- Yellow (80%)
- Blue (80%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.8640, -2.6130, -2.2050 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 202.8640, -2.6130, -2.2050 by changing the saturation by 10% instead.

■ 202.8640, -2.6130,
-2.2050

■ 202.8640, -2.6130,
-2.2050

255.0000, -0.0000,
-0.0000

■ 175.8640, -2.6130,
-2.2050

■ 148.8640, -2.6130,
-2.2050

■ 123.1630, -2.0170,
-1.9930

■ 98.1630, -2.0170,
-1.9930

■ 74.2770, -2.3380,
-1.6820

■ 52.1630, -2.0170,
-1.9930

■ 30.5760, -1.7420,

-1.4700

■ 6.1520, -3.4840,
-2.9400

■ 0.0000, 0.0000,
0.0000

■ 202.8640, -2.6130,
-2.2050

■ 202.8640, -2.6130,
-2.2050

■ 195.4450,
-11.9190, -9.7670

■ 209.9840, 6.0970,
5.1450

■ 188.2110,
-20.3080, -17.4280

■ 217.5170, 15.0820,
13.0180

■ 180.7920,
-29.6140, -24.9900

■ 223.1420, 20.8120,
19.3080

■ 173.6720,
-38.3240, -32.3400

■ 224.2820, 17.6020,
22.4180

■ 166.2530,
-47.6300, -39.9020

■ 225.4220, 14.3920,
25.5280

■ 159.0190,
-56.0190, -47.5630

■ 225.6500, 13.7500,
26.1500

■ 151.6000,
-65.3250, -55.1250

■ 144.4800,
-74.0350, -62.4750

■ 137.0610,
-83.3410, -70.0370

Harmonies

Analogous

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



202.9460, 0.0920, -1.6680



202.8640, -2.6130, -2.2050



202.9070, -4.1720, -1.4840

Triad

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



202.8640, -2.6130, -2.2050



203.2710, -2.2010, 1.3430



203.8650, 4.8140, 0.8620

Complementary

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



202.8640, -2.6130, -2.2050



201.1360, 2.6130, 2.2050

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.



204.0930, 4.1720, 1.4840



202.8640, -2.6130, -2.2050



204.3530, 0.5040, 1.8800

Square

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



202.8640, -2.6130, -2.2050



203.2600, -3.6680, 0.3960



204.1360, 2.6130, 2.2050



203.7400, 3.6680, -0.3960

Rectangle

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



202.8640, -2.6130, -2.2050



203.0210, -4.4930, -1.1730



204.1360, 2.6130, 2.2050



203.9790, 4.4930, 1.1730

Sweetspot

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



202.8640, -2.6130, -2.2050



253.9890, -1.4670, -0.9470



203.4190, 0.1380, -2.5020



127.2880, -0.8710, -0.7350



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.



202.8640, -2.6130, -2.2050



251.4400, -4.3550, -3.6750



203.2060, -3.5760, -1.2720



100.1630, -2.0170, -1.9930



106.9040, -72.2930, -61.0050



24.4720, -16.5490, -13.9650

Inverse Universe

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



201.1360, 2.6130, 2.2050



248.5600, 4.3550, 3.6750



200.7940, 3.5760, 1.2720



98.7230, 2.3380, 1.6820



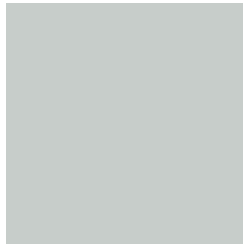
59.0960, 72.2930, 61.0050



13.5280, 16.5490, 13.9650

Previews

White Background



This preview shows how the YIQ color 202.8640, -2.6130, -2.2050 looks on a white background.

Color Contrast Check

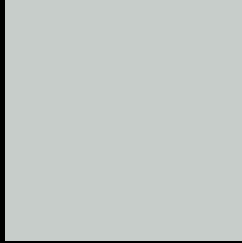
Large Text (above 18pt) WCAG AA × Fail

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 202.8640, -2.6130, -2.2050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

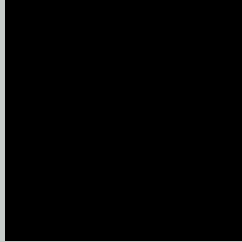
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

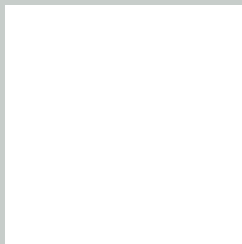
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 202.8640, -2.6130, -2.2050

Background



This preview shows how black text looks on a background with the YIQ color 202.8640, -2.6130, -2.2050.



This preview shows how white text looks on a background with the YIQ color 202.8640, -2.6130,

-2.2050.

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

202.8640, -2.6130, -2.2050

Protanopia

203.6800, 3.8970, 0.9610

Deuteranopia

205.5720, 13.2490, 7.6890



Tritanopia

203.8240, -5.1360, 4.9760

Trichromacy



Original Color

202.8640, -2.6130, -2.2050

Protanomaly

203.3700, 1.8340, -0.1980

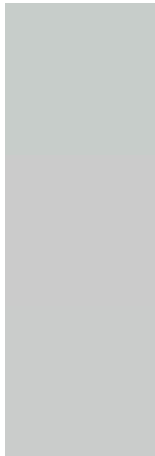
Deuteranomaly

204.5280, 7.3810, 3.9010

Tritanomaly

203.4280, -4.0810, 2.3750

Monochromacy



Original Color

202.8640, -2.6130, -2.2050

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

203.2880, -0.8710, -0.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.8640, -2.6130, -2.2050 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, 205, 202)` looks like.

```
.text, #text, p{  
    color:rgb(199, 205, 202)  
}
```

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, 205, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 205, 202) }
```

Border

The CSS property to change the border of an element to YIQ 202.8640, -2.6130, -2.2050 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, 205, 202) }
```


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

```
.border{ border-color:rgb(199, 205, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 205, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 205, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 205, 202);  
box-shadow:4px 4px 4px 4px rgb(199, 205,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 202.8640, -2.6130, -2.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 205, 202) }
```

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

```
.background{ background-color: rgb(199,  
205, 202) }
```

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