

Converting Colors

YIQ(203.7510, 5.1350, 0.5510)

Have a look what the booklet for
YIQ(203.7510, 5.1350, 0.5510)
contains.

YIQ(203.7510, 5.1350, 0.5510)	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(203.7510, 5.1350,
0.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CAC7
RGB	209, 202, 199
RGB Percent	82%, 79%, 78%
CMY	0.1804, 0.2078, 0.2196
CMYK	0.00, 0.03, 0.05, 0.18
HSL	18°, 10%, 80%
HSV	18°, 5%, 82%
XYZ	57.7249, 59.9193, 62.5595
YIQ	203.7510, 5.1350, 0.5510

Conversions

Conversions Part 2

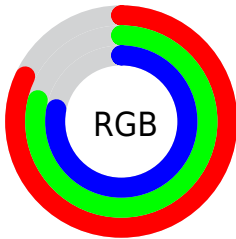
Format	Color
R _Y B	209, 203, 199
Decimal	13748935
CIE Lab	81.79, 1.90, 2.34
CIE LCh	82, 3.016, 50.972
Yxy	59.9193, 0.3203, 0.3325
Android (android.graphics.Color)	4291939015 (0xFFD1CAC7)
YUV	203.7510, -2.3422, 4.6034
Hunter-Lab	77.4076, -2.3511, 6.2681

Details

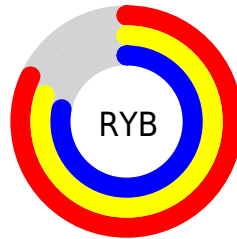
The YIQ color **203.7510, 5.1350, 0.5510** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **204.2490, -5.1350, -0.5510**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **149.7510, 5.1350, 0.5510** is the 20% darker color. If you saturate the color by 10%, you get **192.5520, 16.0010, 1.8650**, and if you desaturate by 10%, it is **214.9500, -5.7310, -0.7630**.

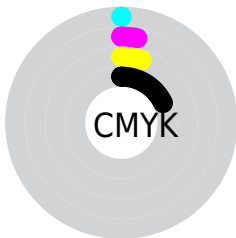
Distribution



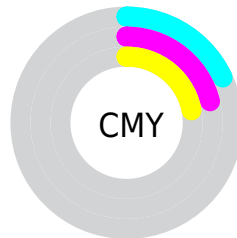
- Red (82%)
- Green (79%)
- Blue (78%)



- Red (82%)
- Yellow (80%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (18%)



- Cyan (18%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.7510, 5.1350, 0.5510 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 203.7510, 5.1350, 0.5510 by changing the saturation by 10% instead.

■ 203.7510, 5.1350,
0.5510

■ 203.7510, 5.1350,
0.5510

255.0000, -0.0000,
-0.0000

■ 176.4520, 4.5390,
0.3390

■ 149.7510, 5.1350,
0.5510

■ 123.8650, 4.8140,
0.8620

■ 98.8650, 4.8140,
0.8620

■ 75.1530, 3.9430,
0.1270

■ 52.5660, 4.2180,
0.6500

■ 31.2670, 3.6220,

0.4380

■ 7.2350, 6.6480,
0.6640

■ 0.0000, 0.0000,
0.0000

■ 203.7510, 5.1350,
0.5510

■ 203.7510, 5.1350,
0.5510

■ 192.5520, 16.0010,
1.8650

■ 214.9500, -5.7310,
-0.7630

■ 181.9400, 26.5920,
2.6560

■ 225.5620,
-16.3220, -1.5540

■ 170.7410, 37.4580,
3.9700

■ 235.9630,
-24.9410, -5.0450

■ 159.5420, 48.3240,
5.2840

■ 241.2460,
-27.4160, -9.7520

■ 149.0440, 58.5940,
6.3860

■ 137.8450, 69.4600,
7.7000

■ 127.2330, 80.0510,
8.4910

■ 116.0340, 90.9170,
9.8050

■ 104.8350,
101.7830, 11.1190

Harmonies

Analogous

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



204.2780, 5.0890, 1.3850



203.7510, 5.1350, 0.5510



203.6260, 3.9890, -0.7070

Triad

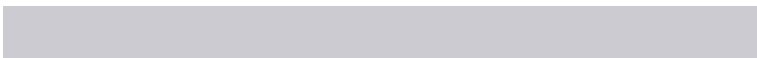
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



203.7510, 5.1350, 0.5510



202.5650, -3.2090, -2.4170



203.6840, -1.9260, 1.8660

Complementary

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



203.7510, 5.1350, 0.5510



204.2490, -5.1350, -0.5510

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.



203.3740, -3.9890, 0.7070



203.7510, 5.1350, 0.5510



202.6080, -4.7680, -1.6960

Square

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



203.7510, 5.1350, 0.5510



202.9350, -1.3750, -2.6150



202.9500, -5.7310, -0.7630



203.7660, 0.7790, 2.4030

Rectangle

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



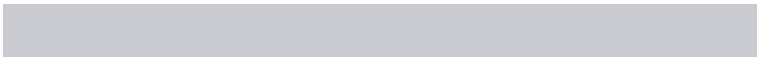
203.7510, 5.1350, 0.5510



203.0280, 2.7970, -1.1310



202.9500, -5.7310, -0.7630



203.3850, -2.5220, 1.6540

Sweetspot

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



203.7510, 5.1350, 0.5510



253.4840, 1.5130, 0.1130



202.7880, 3.7130, 4.2970



127.1850, 0.9170, -0.0990



0.0000, 0.0000, 0.0000



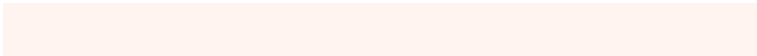
128.0000, -0.0000, -0.0000

Same Dimension

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



203.7510, 5.1350, 0.5510



246.8330, 7.8400, 1.0880



206.6860, 3.7600, -2.0640



100.5660, 4.2180, 0.6500



79.5820, 86.3780, 9.4660



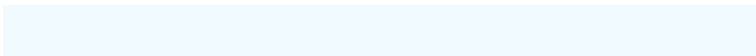
19.3030, 21.1360, 2.4160

Inverse Universe

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



204.2490, -5.1350, -0.5510



247.5800, -7.5650, -0.5650



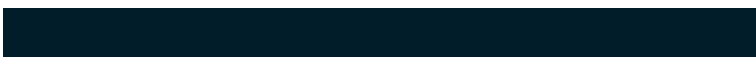
201.3140, -3.7600, 2.0640



100.8470, -3.9430, -0.1270



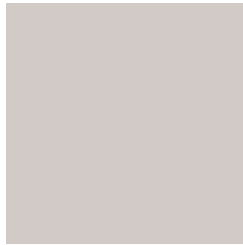
88.4180, -86.3780, -9.4660



21.6970, -21.1360, -2.4160

Previews

White Background



This preview shows how the YIQ color 203.7510, 5.1350, 0.5510 looks on a white background.

Color Contrast Check

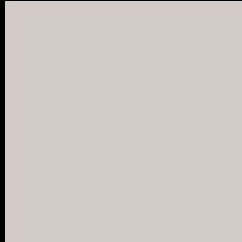
Large Text (above 18pt) WCAG AA × Fail

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 203.7510, 5.1350, 0.5510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

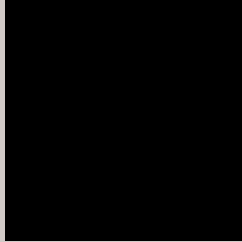
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

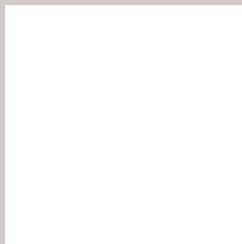
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 203.7510, 5.1350, 0.5510

Background



This preview shows how black text looks on a background with the YIQ color 203.7510, 5.1350, 0.5510.



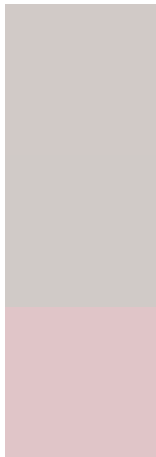
This preview shows how white text looks on a background with the YIQ color 203.7510, 5.1350,

0.5510.

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

203.7510, 5.1350, 0.5510

Protanopia

203.4520, 4.5390, 0.3390

Deuteranopia

205.4150, 15.1290, 6.6570



Tritanopia

204.9990, 1.7410, 6.9970

Trichromacy



Original Color

203.7510, 5.1350, 0.5510

Protanomaly

203.4520, 4.5390, 0.3390

Deuteranomaly

205.0940, 11.5990, 4.5510

Tritanomaly

204.6030, 2.7960, 4.3960

Monochromacy



Original Color

203.7510, 5.1350, 0.5510

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

203.7830, 2.1090, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.7510, 5.1350, 0.5510 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(209, 202, 199)` looks like.

```
.text, #text, p{  
    color:rgb(209, 202, 199)  
}
```

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(209, 202, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 202, 199) }
```

Border

The CSS property to change the border of an element to YIQ 203.7510, 5.1350, 0.5510 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(209, 202, 199) }
```


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

```
.border{ border-color:rgb(209, 202, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 202, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 202, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 202, 199); box-shadow:4px 4px 4px 4px rgb(209, 202, 199) }
```

Background

The CSS property to change the background color of an element to YIQ 203.7510, 5.1350, 0.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 202, 199) }
```

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

```
.background{ background-color: rgb(209,  
202, 199) }
```

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