

Converting Colors

YIQ(203.2300, 14.2120, 6.7560)

Have a look what the booklet for
YIQ(203.2300, 14.2120, 6.7560)
contains.

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Color

**YIQ(203.2300, 14.2120,
6.7560)**

Conversions

Conversions Part 1

Format	Color
Hex	DDC3C7
RGB	221, 195, 199
RGB Percent	87%, 76%, 78%
CMY	0.1333, 0.2353, 0.2195
CMYK	0.00, 0.12, 0.10, 0.13
HSL	351°, 28%, 82%
HSV	351°, 12%, 87%
XYZ	59.6468, 58.5242, 62.1937
YIQ	203.2300, 14.2120, 6.7560

Conversions

Conversions Part 2

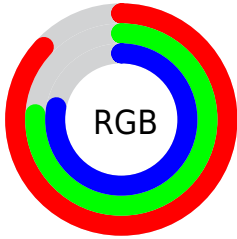
Format	Color
R _Y B	221, 195, 199
Decimal	14533575
CIE Lab	81.03, 9.84, 1.35
CIE LCh	81, 9.937, 7.803
Yxy	58.5242, 0.3307, 0.3245
Android (android.graphics.Color)	4292723655 (0xFFDDC3C7)
YUV	203.2300, -2.0854, 15.5843
Hunter-Lab	76.5011, 5.2970, 5.3493

Details

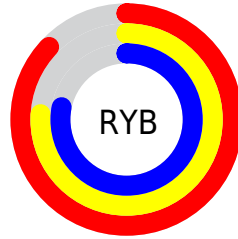
The YIQ color $203.2300, 14.2120, 6.7560$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $212.7700, -14.2120, -6.7560$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $253.2390, 0.8250, 1.5690$, and $148.9310, 13.6160, 6.5440$ is the 20% darker color. If you saturate the color by 10%, you get $188.1500, 26.3610, 12.3530$, and if you desaturate by 10%, it is $218.3100, 2.0630, 1.1590$.

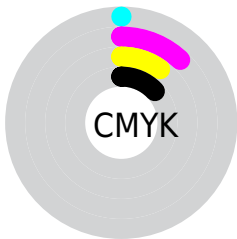
Distribution



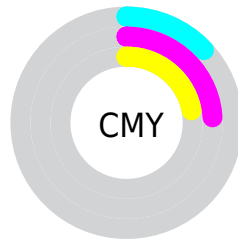
- Red (87%)
- Green (76%)
- Blue (78%)



- Red (87%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (12%)
- Yellow (10%)
- Black (13%)



- Cyan (13%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.2300, 14.2120, 6.7560 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 203.2300, 14.2120, 6.7560 by changing the saturation by 10% instead.

■ 203.2300, 14.2120,
6.7560

■ 203.2300, 14.2120,
6.7560

255.0000, -0.0000,
-0.0000

■ 175.9310, 13.6160,
6.5440

■ 253.2390, 0.8250,
1.5690

■ 148.9310, 13.6160,
6.5440

■ 123.3330, 12.4240,
6.1200

■ 98.3330, 12.4240,
6.1200

■ 74.6210, 11.5530,
5.3850

■ 51.4360, 10.6360,
5.4840

■ 30.1370, 10.0400,

5.2720

■ 7.2900, 13.9830,
5.3990

■ 0.0000, 0.0000,
0.0000

■ 203.2300, 14.2120,
6.7560

■ 203.2300, 14.2120,
6.7560

■ 188.1500, 26.3610,
12.3530

■ 218.3100, 2.0630,
1.1590

■ 173.1840, 38.1890,
18.2610

■ 233.2760, -9.7650,
-4.7490

■ 158.1040, 50.3380,
23.8580

■ 244.8340,
-20.2640, -7.2080

■ 143.0240, 62.4870,
29.4550

■ 127.4710, 74.5900,
35.8860

■ 112.3910, 86.7390,
41.4830

■ 97.3110, 98.8880,
47.0800

■ 82.3450, 110.7160,
52.9880

■ 69.9550, 120.8020,
57.4260

Harmonies

Analogous

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



203.3480, 8.0680, 7.9720



203.2300, 14.2120, 6.7560



202.7910, 16.8260, 3.4340

Triad

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



203.2300, 14.2120, 6.7560



199.5560, 1.0100, -7.2940



199.6160, -16.4140, 0.1140

Complementary

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



203.2300, 14.2120, 6.7560



212.7700, -14.2120, -6.7560

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.



198.6110, -18.0180, -3.8580



203.2300, 14.2120, 6.7560



198.6520, -8.0680, -7.9720

Square

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



203.2300, 14.2120, 6.7560



200.7420, 9.3540, -4.3260



198.1720, -15.4040, -7.1800



201.2580, -9.3540, 4.3260

Rectangle

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



203.2300, 14.2120, 6.7560



202.0250, 16.0470, 1.0310



198.1720, -15.4040, -7.1800



199.4910, -17.5600, -1.1440

Sweetspot

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



203.2300, 14.2120, 6.7560



248.1040, 5.6390, 2.4310



204.5420, 4.7660, 12.7500



123.2070, 3.8510, 1.7950



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.



203.2300, 14.2120, 6.7560



230.4480, 19.5300, 9.4980



208.0570, 13.0210, 0.8050



102.4030, 6.2350, 2.6430



54.8050, 94.4410, 45.0730



14.5520, 25.1690, 11.9290

Inverse Universe

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



203.2300, 14.2120, 6.7560



230.4480, 19.5300, 9.4980



207.9430, -13.0210, -0.8050



102.4030, 6.2350, 2.6430



54.8050, 94.4410, 45.0730



14.5520, 25.1690, 11.9290

Previews

White Background



This preview shows how the YIQ color 203.2300, 14.2120, 6.7560 looks on a white background.

Color Contrast Check

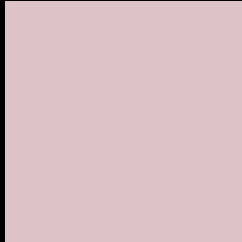
Large Text (above 18pt) WCAG AA × Fail

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 203.2300, 14.2120, 6.7560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

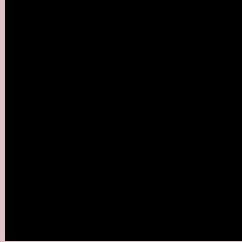
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.2300, 14.2120, 6.7560

Background



This preview shows how black text looks on a background with the YIQ color 203.2300, 14.2120, 6.7560.



This preview shows how white text looks on a background with the YIQ color 203.2300, 14.2120,

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

203.2300, 14.2120, 6.7560

Protanopia

201.7230, 2.3380, 1.6820

Deuteranopia

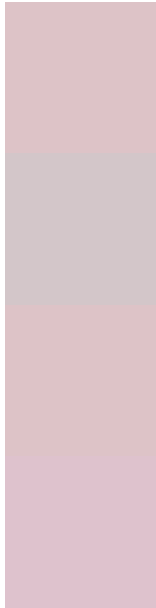
203.2300, 14.2120, 6.7560



Tritanopia

203.4950, 12.1480, 11.1240

Trichromacy



Original Color

203.2300, 14.2120, 6.7560

Protanomaly

202.2290, 6.7850, 3.6890

Deuteranomaly

203.2300, 14.2120, 6.7560

Tritanomaly

203.6260, 13.1570, 9.3570

Monochromacy



Original Color

203.2300, 14.2120, 6.7560

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

203.2180, 5.3180, 2.7420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.2300, 14.2120, 6.7560 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(221, 195, 199)` looks like.

```
.text, #text, p{  
    color:rgb(221, 195, 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(221, 195, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 195, 199) }
```

Border

The CSS property to change the border of an element to YIQ 203.2300, 14.2120, 6.7560 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(221, 195, 199) }
```


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

```
.border{ border-color:rgb(221, 195, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 195, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 195, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 195, 199);  
box-shadow:4px 4px 4px 4px rgb(221, 195,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 203.2300, 14.2120, 6.7560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 195, 199) }
```

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

```
.background{ background-color: rgb(221,  
195, 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](#).

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