

Converting Colors

YIQ(203.4830, 3.2540, 7.1100)

Have a look what the booklet for
YIQ(203.4830, 3.2540, 7.1100)
contains.

YIQ(203.4830, 3.2540, 7.1100)	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(203.4830, 3.2540,
7.1100)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C6D4
RGB	211, 198, 212
RGB Percent	83%, 78%, 83%
CMY	0.1725, 0.2235, 0.1686
CMYK	0.00, 0.07, 0.00, 0.17
HSL	296°, 14%, 80%
HSV	296°, 7%, 83%
XYZ	58.9434, 58.9896, 70.5672
YIQ	203.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

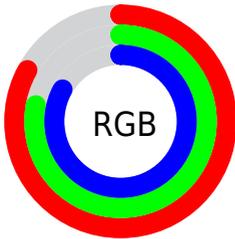
Format	Color
R _Y B	211, 198, 212
Decimal	13878996
CIE Lab	81.29, 7.05, -5.34
CIE LCh	81, 8.847, 322.833
Yxy	58.9896, 0.3127, 0.3129
Android (android.graphics.Color)	4292069076 (0xFFD3C6D4)
YUV	203.4830, 4.1989, 6.5924
Hunter-Lab	76.8047, 2.5810, -0.7117

Details

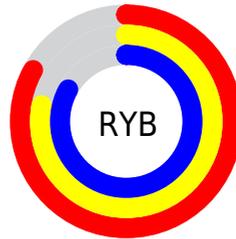
The YIQ color $203.4830, 3.2540, 7.1100$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $206.5170, -3.2540, -7.1100$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $149.0700, 2.9790, 6.5870$ is the 20% darker color. If you saturate the color by 10%, you get $190.8570, 8.4330, 17.8810$, and if you desaturate by 10%, it is $216.4080, -1.3290, -3.4490$.

Distribution



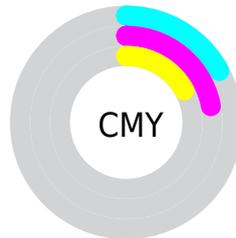
- Red (83%)
- Green (78%)
- Blue (83%)



- Red (83%)
- Yellow (78%)
- Blue (83%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (17%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.4830, 3.2540, 7.1100 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 203.4830, 3.2540, 7.1100 by changing the saturation by 10% instead.

■ 203.4830, 3.2540,
7.1100

■ 203.4830, 3.2540,
7.1100

255.0000, -0.0000,
-0.0000

■ 176.0700, 2.9790,
6.5870

■ 149.0700, 2.9790,
6.5870

■ 123.6570, 2.7040,
6.0640

■ 98.6570, 2.7040,
6.0640

■ 74.6570, 2.7040,
6.0640

■ 52.2440, 2.4290,
5.5410

■ 30.8310, 2.1540,

5.0180

■ 6.7220, 4.0790,
8.6790

■ 0.0000, 0.0000,
0.0000

■ 203.4830, 3.2540,
7.1100

■ 203.4830, 3.2540,
7.1100

■ 190.8570, 8.4330,
17.8810

■ 216.4080, -1.3290,
-3.4490

■ 177.9320, 13.0160,
28.4400

■ 229.0340, -6.5080,
-14.2200

■ 164.7190, 18.4700,
39.7340

■ 238.4370, -9.4410,
-21.6410

■ 151.7940, 23.0530,
50.2930

■ 238.7360, -8.8450,
-21.4290

139.1680, 28.2320,
61.0640

239.3340, -7.6530,
-21.0050

126.2430, 32.8150,
71.6230

239.6330, -7.0570,
-20.7930

113.6170, 37.9940,
82.3940

240.2310, -5.8650,
-20.3690

100.1050, 42.8520,
93.4760

240.5300, -5.2690,
-20.1570

87.4790, 48.0310,
104.2470

241.1280, -4.0770,
-19.7330

Harmonies

Analogous

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



202.2370, -4.8610, 5.4990



203.4830, 3.2540, 7.1100



204.0770, 10.2690, 6.6290

Triad

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



203.4830, 3.2540, 7.1100



202.2800, 10.7750, -2.5450



199.6390, -15.2210, -4.9890

Complementary

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



203.4830, 3.2540, 7.1100



206.5170, -3.2540, -7.1100

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.



199.6240, -10.8650, -6.8410



203.4830, 3.2540, 7.1100



200.8770, 4.5400, -5.1880

Square

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



203.4830, 3.2540, 7.1100



202.9540, 14.8090, 1.4410



200.2180, -3.8500, -7.3220



200.4480, -16.0010, -1.8650

Rectangle

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



203.4830, 3.2540, 7.1100



203.5180, 13.3410, 6.0210



200.2180, -3.8500, -7.3220



199.2970, -14.2580, -5.9220

Sweetspot

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



203.4830, 3.2540, 7.1100



252.0650, 1.3750, 2.6150



200.1830, -4.7690, 3.8310



125.9400, 0.2290, 1.3570



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.



203.4830, 3.2540, 7.1100



242.9610, 4.9040, 10.2480



203.0980, 5.7760, 5.4560



100.2440, 2.4290, 5.5410



67.0350, 39.8730, 86.8890



16.8620, 10.0370, 21.8530

Inverse Universe

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



202.3000, 8.0230, 3.2790



241.0940, 11.5990, 4.5510



206.9020, -5.7760, -5.4560



99.4030, 6.2350, 2.6430



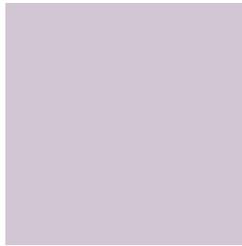
52.4970, 98.0640, 39.9840



13.1990, 24.6650, 10.0490

Previews

White Background



This preview shows how the YIQ color 203.4830, 3.2540, 7.1100 looks on a white background.

Color Contrast Check

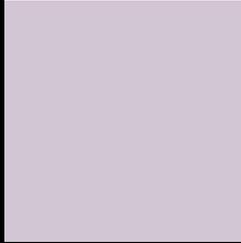
Large Text (above 18pt) WCAG AA × Fail

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 203.4830, 3.2540, 7.1100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

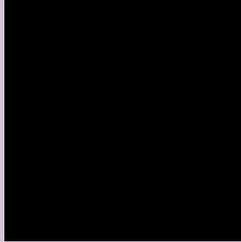
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

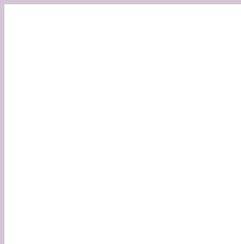
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 203.4830, 3.2540, 7.1100

Background



This preview shows how black text looks on a background with the YIQ color 203.4830, 3.2540, 7.1100.



This preview shows how white text looks on a background with the YIQ color 203.4830, 3.2540,

7.1100.

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

203.4830, 3.2540, 7.1100

Protanopia

202.7810, -3.5770, 4.2550

Deuteranopia

204.1030, 7.3800, 9.4280



Tritanopia

203.5970, 2.9330, 7.4210

Trichromacy



Original Color

203.4830, 3.2540, 7.1100

Protanomaly

202.9770, -1.1930, 5.1030

Deuteranomaly

204.0920, 5.9130, 8.4810

Tritanomaly

203.5970, 2.9330, 7.4210

Monochromacy



Original Color

203.4830, 3.2540, 7.1100

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

203.0650, 1.3750, 2.6150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.4830, 3.2540, 7.1100 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(211, 198, 212)` looks like.

```
.text, #text, p{  
    color:rgb(211, 198, 212)  
}
```

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(211, 198, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 198, 212) }
```

Border

The CSS property to change the border of an element to YIQ 203.4830, 3.2540, 7.1100 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(211, 198, 212) }
```

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

```
.border{ border-color:rgb(211, 198, 212) }
```

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

Here you see how a box with a 4 pixel rgb(211, 198, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 198, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 198, 212);  
box-shadow:4px 4px 4px 4px rgb(211, 198,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 203.4830, 3.2540, 7.1100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 198, 212) }
```

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

```
.background{ background-color: rgb(211,  
198, 212) }
```

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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