

Converting Colors

YIQ(203.9710, 16.1390, -0.6370)

Have a look what the booklet for
YIQ(203.9710, 16.1390, -0.6370)
contains.

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Color

**YIQ(203.9710, 16.1390,
-0.6370)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC8B9
RGB	219, 200, 185
RGB Percent	86%, 78%, 73%
CMY	0.1411, 0.2157, 0.2744
CMYK	0.00, 0.09, 0.16, 0.14
HSL	26°, 32%, 79%
HSV	26°, 16%, 86%
XYZ	58.6276, 59.8699, 54.3757
YIQ	203.9710, 16.1390, -0.6370

Conversions

Conversions Part 2

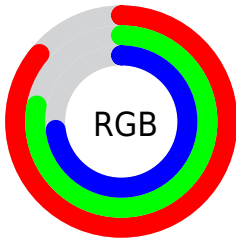
Format	Color
R _Y B	219, 212, 185
Decimal	14403769
CIE Lab	81.77, 4.21, 9.89
CIE LCh	82, 10.748, 66.933
Yxy	59.8699, 0.3391, 0.3463
Android (android.graphics.Color)	4292593849 (0xFFDBC8B9)
YUV	203.9710, -9.3527, 13.1804
Hunter-Lab	77.3757, -0.1578, 12.4970

Details

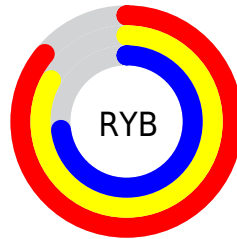
The YIQ color $203.9710, 16.1390, -0.6370$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $200.0290, -16.1390, 0.6370$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.4040, 4.4940, -4.3540$, and $149.7860, 15.2220, -0.5380$ is the 20% darker color. If you saturate the color by 10%, you get $194.4190, 26.5010, -1.2030$, and if you desaturate by 10%, it is $213.5230, 5.7770, -0.0710$.

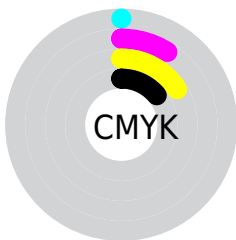
Distribution



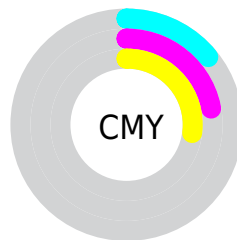
- Red (86%)
- Green (78%)
- Blue (73%)



- Red (86%)
- Yellow (83%)
- Blue (73%)



- Cyan (0%)
- Magenta (9%)
- Yellow (16%)
- Black (14%)





- Cyan (14%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 203.9710, 16.1390, -0.6370 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 203.9710, 16.1390, -0.6370 by changing the saturation by 10% instead.

 203.9710, 16.1390,
-0.6370


 203.9710, 16.1390,
-0.6370


255.0000, -0.0000,
-0.0000


 176.6720, 15.5430,
-0.8490


 253.4040, 4.4940,
-4.3540

 149.7860, 15.2220,
-0.5380

 123.6010, 14.3050,
-0.4390

 99.3020, 13.7090,
-0.6510

 75.0030, 13.1130,
-0.8630

 52.5190, 11.6000,
-0.9760

 31.2200, 11.0040,

-1.1880

■ 7.4420, 10.4990,
2.4590

■ 0.0000, 0.0000,
0.0000

■ 203.9710, 16.1390,
-0.6370

■ 203.9710, 16.1390,
-0.6370

■ 194.4190, 26.5010,
-1.2030

■ 213.5230, 5.7770,
-0.0710

■ 184.2800, 37.1380,
-1.2460

■ 223.0750, -4.5850,
0.4950

■ 174.7280, 47.5000,
-1.8120

■ 233.2140,
-15.2220, 0.5380

■ 165.1760, 57.8620,
-2.3780

■ 240.7140,
-19.8060, -4.4940

■ 155.7380, 67.9030,
-2.6330

■ 244.2360,
-21.4560, -7.6320

■ 145.5990, 78.5400,
-2.6760

■ 136.0470, 88.9020,
-3.2420

■ 126.4950, 99.2640,
-3.8080

■ 122.4200,
103.8490, -4.3030

Harmonies

Analogous

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



204.8020, 18.2930, 4.3810



203.9710, 16.1390, -0.6370



202.5140, 9.9960, -4.9480

Triad

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



203.9710, 16.1390, -0.6370



199.8730, -16.0000, -7.3920



204.5580, -1.3310, 7.6050

Complementary

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



203.9710, 16.1390, -0.6370



200.0290, -16.1390, 0.6370

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.



203.1870, -10.5920, 4.7360



203.9710, 16.1390, -0.6370



200.7140, -19.8060, -4.4940

Square

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



203.9710, 16.1390, -0.6370



200.8260, -8.6180, -9.0180



201.4310, -17.3310, 0.2130



205.1740, 8.6180, 9.0180

Rectangle

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



203.9710, 16.1390, -0.6370



201.8230, 4.6320, -6.8560



201.4310, -17.3310, 0.2130



204.1770, -4.6320, 6.8560

Sweetspot

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



203.9710, 16.1390, -0.6370



249.4090, 6.0980, -0.3820



197.3320, 14.1650, 13.1170



124.1530, 3.9430, 0.1270



0.0000, 0.0000, 0.0000



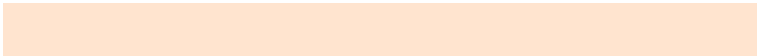
128.0000, -0.0000, -0.0000

Same Dimension

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



203.9710, 16.1390, -0.6370



233.6790, 22.8330, -0.8070



213.9500, 11.4640, -9.5280



105.2240, 5.1810, -0.2830



96.3390, 82.2080, -3.0720



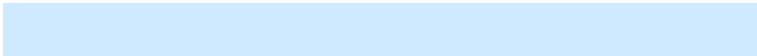
25.4940, 21.9160, -0.7080

Inverse Universe

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



200.0290, -16.1390, 0.6370



228.3210, -22.8330, 0.8070



190.0500, -11.4640, 9.5280



103.7760, -5.1810, 0.2830



76.6610, -82.2080, 3.0720



20.5060, -21.9160, 0.7080

Previews

White Background



This preview shows how the YIQ color 203.9710, 16.1390, -0.6370 looks on a white background.

Color Contrast Check

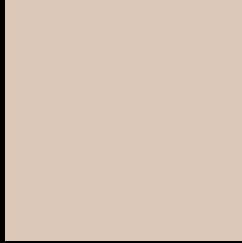
Large Text (above 18pt) WCAG AA × Fail

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 203.9710, 16.1390, -0.6370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

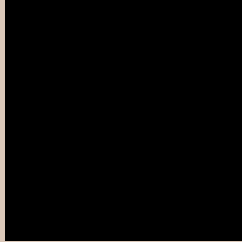
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

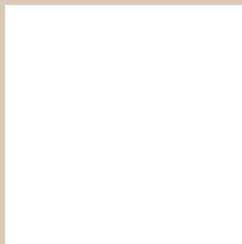
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 203.9710, 16.1390, -0.6370

Background



This preview shows how black text looks on a background with the YIQ color 203.9710, 16.1390, -0.6370.



This preview shows how white text looks on a background with the YIQ color 203.9710, 16.1390,

-0.6370.

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

203.9710, 16.1390, -0.6370

Protanopia

203.4540, 10.2250, -3.5910

Deuteranopia

204.7270, 22.8780, 3.8860



Tritanopia

205.4840, 10.6810, 10.1770

Trichromacy



Original Color

203.9710, 16.1390, -0.6370

Protanomaly

203.7640, 12.2880, -2.4320

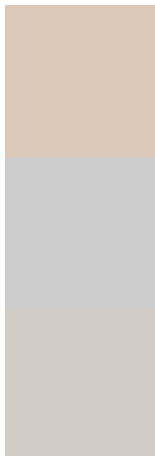
Deuteranomaly

204.1180, 20.2190, 2.5150

Tritanomaly

204.7460, 12.6990, 6.6430

Monochromacy



Original Color

203.9710, 16.1390, -0.6370

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.1100, 5.5020, -0.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.9710, 16.1390, -0.6370 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(219, 200, 185)` looks like.

```
.text, #text, p{  
    color:rgb(219, 200, 185)  
}
```

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(219, 200, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 200, 185) }
```

Border

The CSS property to change the border of an element to YIQ 203.9710, 16.1390, -0.6370 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(219, 200, 185) }
```


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

```
.border{ border-color:rgb(219, 200, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 200, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 200, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 200, 185);  
box-shadow:4px 4px 4px 4px rgb(219, 200,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 203.9710, 16.1390, -0.6370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 200, 185) }
```

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

```
.background{ background-color: rgb(219,  
200, 185) }
```

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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