

Converting Colors

YIQ(205.5260, 9.7220, -10.9980)

Have a look what the booklet for
YIQ(205.5260, 9.7220, -10.9980)
contains.

YIQ(205.5260, 9.7220, -10.9980)	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(205.5260, 9.7220,
-10.9980)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D2B0
RGB	208, 210, 176
RGB Percent	82%, 82%, 69%
CMY	0.1843, 0.1764, 0.3097
CMYK	0.01, 0.00, 0.16, 0.18
HSL	64°, 27%, 76%
HSV	64°, 16%, 82%
XYZ	56.8955, 62.6377, 50.1745
YIQ	205.5260, 9.7220, -10.9980

Conversions

Conversions Part 2

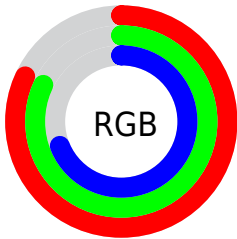
Format	Color
RYB	176, 210, 178
Decimal	13685424
CIELab	83.25, -6.42, 16.64
CIELCh	83, 17.839, 111.090
Yxy	62.6377, 0.3353, 0.3691
Android (android.graphics.Color)	4291875504 (0xFFD0D2B0)
YUV	205.5260, -14.5563, 2.1697
Hunter-Lab	79.1440, -10.1810, 17.8131

Details

The YIQ color $205.5260, 9.7220, -10.9980$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $180.4740, -9.7220, 10.9980$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3780, 7.3830, -7.1530$, and $151.3410, 8.8050, -10.8990$ is the 20% darker color. If you saturate the color by 10%, you get $202.8330, 15.8670, -17.7410$, and if you desaturate by 10%, it is $208.2190, 3.5770, -4.2550$.

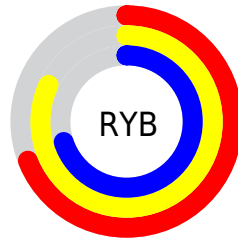
Distribution



Red (82%)

Green (82%)

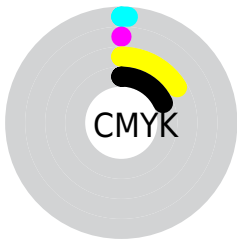
Blue (69%)



Red (69%)

Yellow (82%)

Blue (70%)

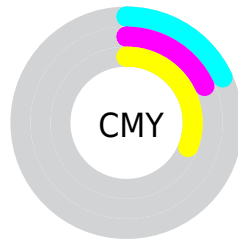


Cyan (1%)

Magenta (0%)

Yellow (16%)

Black (18%)



Cyan (18%)


Magenta (18%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.5260, 9.7220, -10.9980 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 205.5260, 9.7220, -10.9980 by changing the saturation by 10% instead.

 205.5260, 9.7220,
-10.9980

 205.5260, 9.7220,
-10.9980


255.0000, -0.0000,
-0.0000


 177.6400, 9.4010,
-10.6870


 252.3780, 7.3830,
-7.1530

 151.3410, 8.8050,
-10.8990

 125.4550, 8.4840,
-10.5880

 99.9820, 8.4380,
-9.7540

 76.2100, 7.7960,
-9.1320

 53.9110, 7.2000,
-9.3440

 31.7970, 7.5210,

-9.6550

■ 9.4030, -2.9330,
-7.4210

■ 0.0000, 0.0000,
0.0000

■ 205.5260, 9.7220,
-10.9980

■ 205.5260, 9.7220,
-10.9980

■ 202.8330, 15.8670,
-17.7410

■ 208.2190, 3.5770,
-4.2550

■ 200.1400, 22.0120,
-24.4840

■ 210.9120, -2.5680,
2.4880

■ 197.1480, 27.5610,
-31.4390

■ 213.9040, -8.1170,
9.4430

■ 194.4550, 33.7060,
-38.1820

■ 216.0270,
-12.6570, 14.6310

■ 191.7620, 39.8510,
-44.9250

■ 216.3260,
-12.0610, 14.8430

■ 189.0690, 45.9960,
-51.6680

■ 216.6250,
-11.4650, 15.0550

■ 186.0770, 51.5450,
-58.6230

■ 217.2230,
-10.2730, 15.4790

■ 183.3840, 57.6900,
-65.3660

■ 217.5220, -9.6770,
15.6910

■ 182.4720, 60.2580,
-67.8540

■ 217.8210, -9.0810,
15.9030

Harmonies

Analogous

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



207.8590, 22.1460, -4.8780



205.5260, 9.7220, -10.9980



203.3330, -5.9120, -14.0080

Triad

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



205.5260, 9.7220, -10.9980



202.9990, -33.7900, -4.3660



210.4960, 19.5750, 14.1910

Complementary

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



205.5260, 9.7220, -10.9980



180.4740, -9.7220, 10.9980

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.



210.4820, 4.9950, 14.1070



205.5260, 9.7220, -10.9980



205.3470, -25.7220, 3.6060

Square

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



205.5260, 9.7220, -10.9980



201.3810, -32.2300, -10.6140



208.5770, -11.5100, 10.3620



210.0530, 28.0120, 9.9640

Rectangle

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



205.5260, 9.7220, -10.9980



202.0590, -16.8240, -14.4880



208.5770, -11.5100, 10.3620



210.8700, 15.5860, 14.8980

Sweetspot

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



205.5260, 9.7220, -10.9980



253.2190, 3.5770, -4.2550



187.3400, 19.7140, 6.1620



126.7890, 1.9720, -2.7000



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.



205.5260, 9.7220, -10.9980



248.6310, 13.6200, -15.5640



200.4430, -0.4100, -14.6020



103.4470, 2.9350, -3.6330



145.8580, 47.9680, -54.3680



35.4290, 11.3730, -13.3870

Inverse Universe

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



180.4740, -9.7220, 10.9980



213.0700, -14.2160, 15.3520



185.5570, 0.4100, 14.6020



95.5530, -2.9350, 3.6330



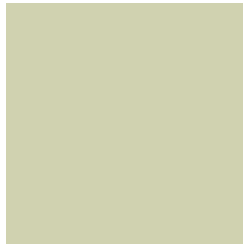
22.1420, -47.9680, 54.3680



5.2720, -11.9690, 13.1750

Previews

White Background



This preview shows how the YIQ color 205.5260, 9.7220, -10.9980 looks on a white background.

Color Contrast Check

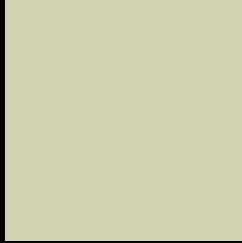
Large Text (above 18pt) WCAG AA × Fail

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 205.5260, 9.7220, -10.9980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

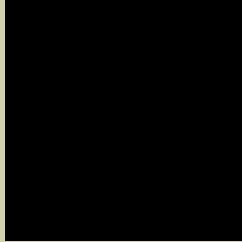
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

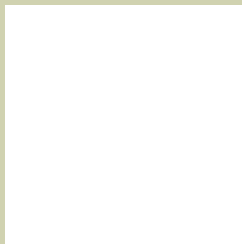
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 205.5260, 9.7220, -10.9980

Background



This preview shows how black text looks on a background with the YIQ color 205.5260, 9.7220, -10.9980.



This preview shows how white text looks on a background with the YIQ color 205.5260, 9.7220,

-10.9980.

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

205.5260, 9.7220, -10.9980

Protanopia

206.5270, 17.1490, -7.9310

Deuteranopia

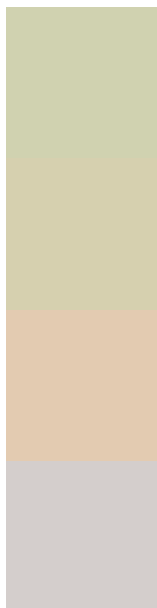
208.2670, 29.9850, 1.7370



Tritanopia

208.8140, 0.8240, 7.0960

Trichromacy



Original Color

205.5260, 9.7220, -10.9980

Protanomaly

206.0320, 14.1690, -8.9910

Deuteranomaly

207.2120, 22.6500, -2.9980

Tritanomaly

207.5660, 4.2180, 0.6500

Monochromacy



Original Color

205.5260, 9.7220, -10.9980

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

205.6320, 3.8520, -3.7320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.5260, 9.7220, -10.9980 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(208, 210, 176)` looks like.

```
.text, #text, p{  
    color:rgb(208, 210, 176)  
}
```

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(208, 210, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 210, 176) }
```

Border

The CSS property to change the border of an element to YIQ 205.5260, 9.7220, -10.9980 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(208, 210, 176) }
```


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

```
.border{ border-color:rgb(208, 210, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 210, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 210, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 210, 176);  
box-shadow:4px 4px 4px 4px rgb(208, 210,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 205.5260, 9.7220, -10.9980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 210, 176) }
```

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

```
.background{ background-color: rgb(208,  
210, 176) }
```

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