

Converting Colors

YIQ(203.7260, 6.2830, -9.2450)

Have a look what the booklet for
YIQ(203.7260, 6.2830, -9.2450)
contains.

YIQ(203.7260, 6.2830, -9.2450)	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(203.7260, 6.2830,
-9.2450)**

Conversions

Conversions Part 1	
Format	Color
Hex	CCD0B5
RGB	204, 208, 181
RGB Percent	80%, 82%, 71%
CMY	0.2000, 0.1843, 0.2901
CMYK	0.02, 0.00, 0.13, 0.18
HSL	69°, 22%, 76%
HSV	69°, 13%, 82%
XYZ	55.7980, 61.2856, 52.6108
YIQ	203.7260, 6.2830, -9.2450

Conversions

Conversions Part 2

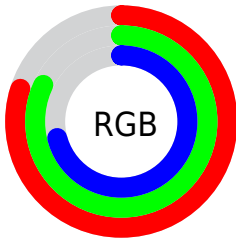
Format	Color
RYB	181, 208, 185
Decimal	13422773
CIELab	82.53, -6.05, 12.94
CIELCh	83, 14.285, 115.037
Yxy	61.2856, 0.3288, 0.3612
Android (android.graphics.Color)	4291612853 (0xFFCCD0B5)
YUV	203.7260, -11.2039, 0.2403
Hunter-Lab	78.2851, -9.7726, 14.9543

Details

The YIQ color $203.7260, 6.2830, -9.2450$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $185.2740, -6.2830, 9.2450$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.9480, 5.7780, -5.5980$, and $149.8400, 5.9620, -8.9340$ is the 20% darker color. If you saturate the color by 10%, you get $200.4350, 11.2360, -16.4120$, and if you desaturate by 10%, it is $207.0170, 1.3300, -2.0780$.

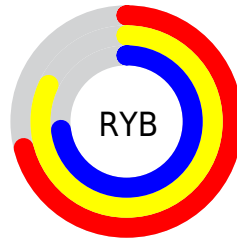
Distribution



Red (80%)

Green (82%)

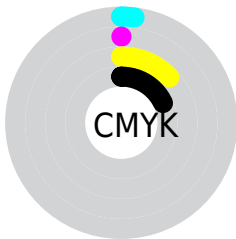
Blue (71%)



Red (71%)

Yellow (82%)

Blue (73%)

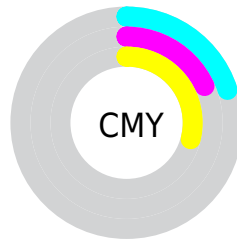


Cyan (2%)

Magenta (0%)

Yellow (13%)

Black (18%)



Cyan (20%)

Magenta (18%)


Yellow (29%)


Brightness & Saturation

Gradients

These gradients show how the YIQ color 203.7260, 6.2830, -9.2450 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 203.7260, 6.2830, -9.2450 by changing the saturation by 10% instead.

 203.7260, 6.2830,
-9.2450

 203.7260, 6.2830,
-9.2450


255.0000, -0.0000,
-0.0000


 175.8400, 5.9620,
-8.9340


 252.9480, 5.7780,
-5.5980

 149.8400, 5.9620,
-8.9340

 123.9540, 5.6410,
-8.6230

 99.0680, 5.3200,
-8.3120

 75.1820, 4.9990,
-8.0010

 52.2960, 4.6780,
-7.6900

 30.7090, 4.9530,

-7.1670

7.6310, -3.5750,
-6.7990

0.0000, 0.0000,
0.0000

203.7260, 6.2830,
-9.2450

203.7260, 6.2830,
-9.2450

200.4350, 11.2360,
-16.4120

207.0170, 1.3300,
-2.0780

197.1440, 16.1890,
-23.5790

210.3080, -3.6230,
5.0890

193.9670, 20.8210,
-30.4350


213.4850, -8.2550,
11.9450


190.6760, 25.7740,
-37.6020

215.7500,
-10.3190, 16.3130

 187.3850, 30.7270,
-44.7690

 216.6470, -8.5310,
16.9490

 183.7950, 35.0840,
-52.1480


 217.8430, -6.1470,
17.7970

 180.5040, 40.0370,
-59.3150

 218.7400, -4.3590,
18.4330

 177.3270, 44.6690,
-66.1710

 219.6370, -2.5710,
19.0690

 175.0190, 48.2920,
-71.2600

 220.5340, -0.7830,
19.7050

Harmonies

Analogous

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



205.6350, 16.9650, -4.5950



203.7260, 6.2830, -9.2450



202.0280, -6.3710, -11.1950

Triad

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



203.7260, 6.2830, -9.2450



202.3590, -25.9960, -2.4440



207.8330, 17.0080, 11.1520

Complementary

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



203.7260, 6.2830, -9.2450



185.2740, -6.2830, 9.2450

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.



208.0860, 6.0500, 11.5060



203.7260, 6.2830, -9.2450



204.1690, -19.3490, 3.7470

Square

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



203.7260, 6.2830, -9.2450



200.7840, -25.9950, -7.9710



206.6760, -7.4750, 8.8210



207.8350, 22.6940, 7.2220

Rectangle

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



203.7260, 6.2830, -9.2450



201.4230, -14.8530, -11.6610



206.6760, -7.4750, 8.8210



208.3920, 13.9360, 11.7600

Sweetspot

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



203.7260, 6.2830, -9.2450



253.2620, 2.0180, -3.5340



191.4210, 14.9920, 3.6320



126.9030, 1.6510, -2.3890



0.0000, 0.0000, 0.0000



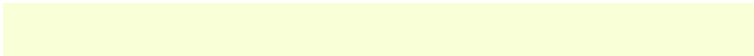
128.0000, -0.0000, -0.0000

Same Dimension

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



203.7260, 6.2830, -9.2450



248.5320, 9.5850, -14.0230



199.8390, -1.4650, -12.0010



103.1480, 2.3390, -3.8450



141.3730, 39.0280, -57.5480



34.5320, 9.5850, -14.0230

Inverse Universe

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



185.2740, -6.2830, 9.2450



220.4680, -9.5850, 14.0230



189.1610, 1.4650, 12.0010



95.8520, -2.3390, 3.8450



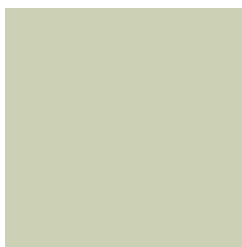
26.6270, -39.0280, 57.5480



6.4680, -9.5850, 14.0230

Previews

White Background



This preview shows how the YIQ color 203.7260, 6.2830, -9.2450 looks on a white background.

Color Contrast Check

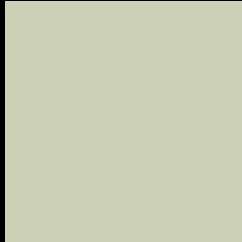
Large Text (above 18pt) WCAG AA × Fail

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 203.7260, 6.2830, -9.2450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

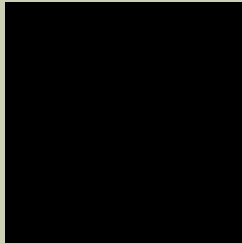
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

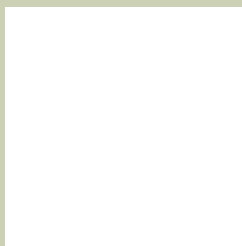
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 203.7260, 6.2830, -9.2450

Background



This preview shows how black text looks on a background with the YIQ color 203.7260, 6.2830, -9.2450.



This preview shows how white text looks on a background with the YIQ color 203.7260, 6.2830,

-9.2450.

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

203.7260, 6.2830, -9.2450

Protanopia

205.0260, 14.3060, -5.9660

Deuteranopia

206.7550, 25.6750, 2.7550



Tritanopia

206.6180, -1.5600, 6.2480

Trichromacy



Original Color
203.7260, 6.2830, -9.2450

Protanomaly
204.5310, 11.3260, -7.0260

Deuteranomaly
205.7000, 18.3400, -1.9800

Tritanomaly
205.5980, 1.1920, 0.4240

Monochromacy



Original Color
203.7260, 6.2830, -9.2450

Achromatopsia
204.0000, -0.0000, -0.0000

Achromatomaly
203.6750, 2.2930, -3.0110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.7260, 6.2830, -9.2450 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(204, 208, 181)` looks like.

```
.text, #text, p{  
    color:rgb(204, 208, 181)  
}
```

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(204, 208, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 208, 181) }
```

Border

The CSS property to change the border of an element to YIQ 203.7260, 6.2830, -9.2450 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(204, 208, 181) }
```

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

```
.border{ border-color:rgb(204, 208, 181) }
```

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

Here you see how a box with a 4 pixel rgb(204, 208, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 208, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 208, 181);  
box-shadow:4px 4px 4px 4px rgb(204, 208,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 203.7260, 6.2830, -9.2450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 208, 181) }
```

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

```
.background{ background-color: rgb(204,  
208, 181) }
```

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