

Converting Colors

YIQ(208.8920, 17.3790,
-12.1010)

Have a look what the booklet for
YIQ(208.8920, 17.3790, -12.1010)
contains.

YIQ(208.8920, 17.3790, -12.1010)	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(208.8920, 17.3790,
-12.1010)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD4A9
RGB	218, 212, 169
RGB Percent	85%, 83%, 66%
CMY	0.1451, 0.1686, 0.3371
CMYK	0.00, 0.03, 0.22, 0.15
HSL	53°, 40%, 76%
HSV	53°, 22%, 85%
XYZ	59.6192, 64.8561, 46.9252
YIQ	208.8920, 17.3790, -12.1010

Conversions

Conversions Part 2

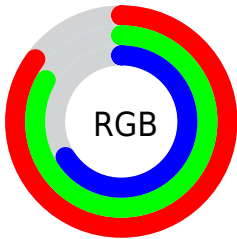
Format	Color
R _{YB}	176, 218, 169
Decimal	14341289
CIE Lab	84.41, -4.79, 22.05
CIE LCh	84, 22.564, 102.259
Yxy	64.8561, 0.3478, 0.3784
Android (android.graphics.Color)	4292531369 (0xFFDAD4A9)
YUV	208.8920, -19.6668, 7.9877
Hunter-Lab	80.5333, -8.7889, 21.8262

Details

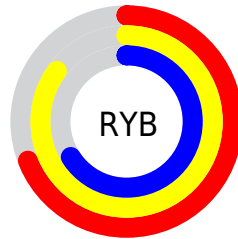
The YIQ color **208.8920, 17.3790, -12.1010** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **178.1080, -17.3790, 12.1010**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.4660, 9.9510, -9.6410**, and **154.8210, 16.1410, -11.6910** is the 20% darker color. If you saturate the color by 10%, you get **204.6230, 25.2660, -17.3740**, and if you desaturate by 10%, it is **213.1610, 9.4920, -6.8280**.

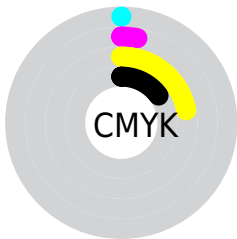
Distribution



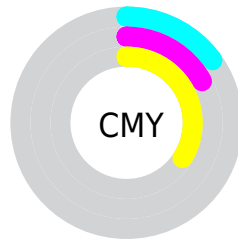
- Red (85%)
- Green (83%)
- Blue (66%)



- Red (69%)
- Yellow (85%)
- Blue (66%)



- Cyan (0%)
- Magenta (3%)
- Yellow (22%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.8920, 17.3790, -12.1010 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 208.8920, 17.3790, -12.1010 by changing the saturation by 10% instead.

■ 208.8920, 17.3790,
-12.1010

■ 208.8920, 17.3790,
-12.1010

■ 255.0000, -0.0000,
-0.0000

■ 181.0060, 17.0580,
-11.7900

■ 251.4660, 9.9510,
-9.6410

■ 154.8210, 16.1410,
-11.6910

■ 254.7720, 0.6420,
-0.6220

■ 128.0490, 15.4990,
-11.0690

■ 102.8640, 14.5820,
-10.9700

■ 78.6790, 13.6650,
-10.8710

■ 55.9070, 13.0230,
-10.2490

■ 34.2660, 13.3900,

-11.3940

■ 13.5670, 2.4770,
-6.3470

■ 0.0000, 0.0000,
0.0000

■ 208.8920, 17.3790,
-12.1010

■ 208.8920, 17.3790,
-12.1010

■ 204.6230, 25.2660,
-17.3740

■ 213.1610, 9.4920,
-6.8280

■ 200.9410, 32.8780,
-23.1700

■ 216.8430, 1.8800,
-1.0320

■ 196.7860, 40.4440,
-28.1320

■ 220.9980, -5.6860,
3.9300

■ 192.5170, 48.3310,
-33.4050

■ 225.1530,
-13.2520, 8.8920

■ 188.8350, 55.9430,
-39.2010

■ 226.3270,
-13.8020, 7.8460

■ 184.5660, 63.8300,
-44.4740

■ 228.0880,
-14.6270, 6.2770

■ 180.2970, 71.7170,
-49.7470

■ 229.8490,
-15.4520, 4.7080

■ 177.2990, 77.4030,
-53.6770

■ 231.0230,
-16.0020, 3.6620

■ 232.7840,
-16.8270, 2.0930

Harmonies

Analogous

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



211.2900, 31.1780, -3.3660



208.8920, 17.3790, -12.1010



206.3780, -1.7850, -17.2170

Triad

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



208.8920, 17.3790, -12.1010



202.9050, -45.3890, -8.9170



214.7290, 20.5370, 18.7850

Complementary

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



208.8920, 17.3790, -12.1010



178.1080, -17.3790, 12.1010

Split Complementary

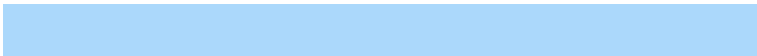
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



213.4370, 0.8680, 17.3160



208.8920, 17.3790, -12.1010



206.5350, -38.0550, 1.3450

Square

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



208.8920, 17.3790, -12.1010



202.2120, -39.2440, -15.6600



211.2000, -20.6340, 10.5180



214.3250, 33.2380, 14.3740

Rectangle

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



208.8920, 17.3790, -12.1010



204.6090, -15.6770, -18.7570



211.2000, -20.6340, 10.5180



214.3200, 14.4390, 19.1670

Sweetspot

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



208.8920, 17.3790, -12.1010



251.7740, 6.3280, -4.5520



184.4490, 26.9570, 12.5650



125.5720, 4.0810, -2.3750



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.



208.8920, 17.3790, -12.1010



242.4380, 24.3490, -17.2750



207.0320, 5.0010, -19.0550



107.5720, 4.0810, -2.3750



140.9510, 61.3080, -42.8200



37.2340, 16.4160, -11.1680

Inverse Universe

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



178.1080, -17.3790, 12.1010



199.1490, -24.6240, 16.7520



179.9680, -5.0010, 19.0550



100.8410, -3.8060, 2.8980



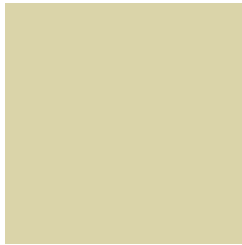
32.0490, -61.3080, 42.8200



8.7660, -16.4160, 11.1680

Previews

White Background



This preview shows how the YIQ color 208.8920, 17.3790, -12.1010 looks on a white background.

Color Contrast Check

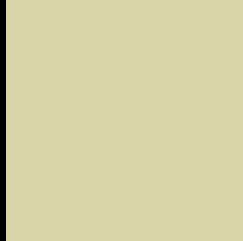
Large Text (above 18pt) WCAG AA × Fail

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 208.8920, 17.3790, -12.1010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

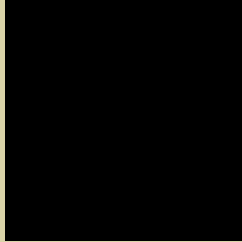
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

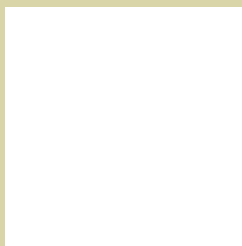
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 208.8920, 17.3790, -12.1010

Background



This preview shows how black text looks on a background with the YIQ color 208.8920, 17.3790, -12.1010.



This preview shows how white text looks on a background with the YIQ color 208.8920, 17.3790,

-12.1010.

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

208.8920, 17.3790, -12.1010

Protanopia

209.3980, 21.8260, -10.0940

Deuteranopia

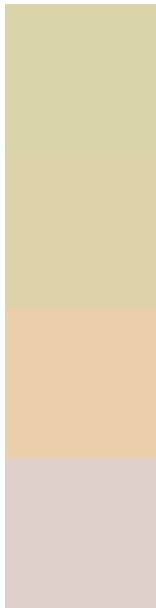
211.3230, 35.5790, -0.5250



Tritanopia

212.8040, 6.7840, 9.2160

Trichromacy



Original Color

208.8920, 17.3790, -12.1010

Protanomaly

209.3870, 20.3590, -11.0410

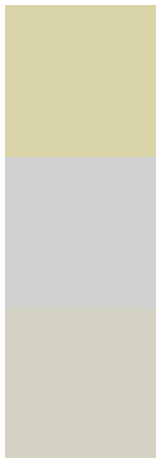
Deuteranomaly

210.5670, 28.8400, -5.0480

Tritanomaly

211.5020, 10.2700, 1.1020

Monochromacy



Original Color

208.8920, 17.3790, -12.1010

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.7740, 6.3280, -4.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.8920, 17.3790, -12.1010 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(218, 212, 169)` looks like.

```
.text, #text, p{  
    color:rgb(218, 212, 169)  
}
```

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(218, 212, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 212, 169) }
```

Border

The CSS property to change the border of an element to YIQ 208.8920, 17.3790, -12.1010 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(218, 212, 169) }
```


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

```
.border{ border-color:rgb(218, 212, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 212, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 212, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 212, 169);  
box-shadow:4px 4px 4px 4px rgb(218, 212,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 208.8920, 17.3790, -12.1010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 212, 169) }
```

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

```
.background{ background-color: rgb(218,  
212, 169) }
```

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