

Converting Colors

YIQ(209.7780, 17.7000,
-12.4120)

Have a look what the booklet for
YIQ(209.7780, 17.7000, -12.4120)
contains.

YIQ(209.7780, 17.7000, -12.4120)	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(209.7780, 17.7000,
-12.4120)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD5A9
RGB	219, 213, 169
RGB Percent	86%, 84%, 66%
CMY	0.1412, 0.1647, 0.3371
CMYK	0.00, 0.03, 0.23, 0.14
HSL	53°, 41%, 76%
HSV	53°, 23%, 86%
XYZ	60.1699, 65.5123, 47.0231
YIQ	209.7780, 17.7000, -12.4120

Conversions

Conversions Part 2

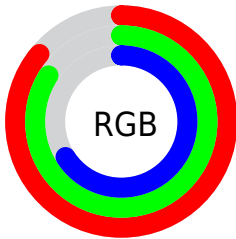
Format	Color
RYB	176, 219, 169
Decimal	14407081
CIELab	84.75, -4.93, 22.53
CIELCh	85, 23.060, 102.349
Yxy	65.5123, 0.3484, 0.3793
Android (android.graphics.Color)	4292597161 (0xFFD5A9)
YUV	209.7780, -20.1036, 8.0877
Hunter-Lab	80.9397, -8.9489, 22.2124

Details

The YIQ color $209.7780, 17.7000, -12.4120$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $178.2220, -17.7000, 12.4120$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.4660, 9.9510, -9.6410$, and $155.1200, 16.7370, -11.4790$ is the 20% darker color. If you saturate the color by 10%, you get $205.5090, 25.5870, -17.6850$, and if you desaturate by 10%, it is $214.0470, 9.8130, -7.1390$.

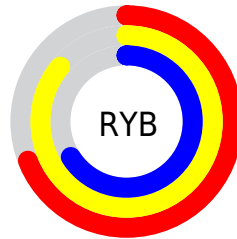
Distribution



Red (86%)

Green (84%)

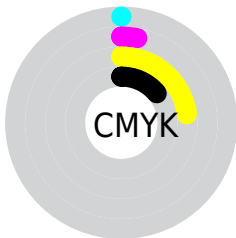
Blue (66%)



Red (69%)

Yellow (86%)

Blue (66%)

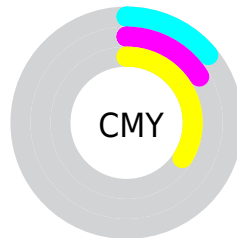


Cyan (0%)

Magenta (3%)

Yellow (23%)

Black (14%)



Cyan (14%)

Magenta (16%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.7780, 17.7000, -12.4120 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 209.7780, 17.7000, -12.4120 by changing the saturation by 10% instead.

■ 209.7780, 17.7000,
-12.4120

■ 209.7780, 17.7000,
-12.4120

■ 255.0000, -0.0000,
-0.0000

■ 181.8920, 17.3790,
-12.1010

■ 251.4660, 9.9510,
-9.6410

■ 155.1200, 16.7370,
-11.4790

■ 254.7720, 0.6420,
-0.6220

■ 128.9350, 15.8200,
-11.3800

■ 103.7500, 14.9030,
-11.2810

■ 79.5650, 13.9860,
-11.1820

■ 56.4940, 12.7480,
-10.7720

■ 34.2660, 13.3900,

-11.3940

■ 14.7520, 3.3940,
-6.4460

■ 0.0000, 0.0000,
0.0000

■ 209.7780, 17.7000,
-12.4120

■ 209.7780, 17.7000,
-12.4120

■ 205.5090, 25.5870,
-17.6850

■ 214.0470, 9.8130,
-7.1390

■ 201.8270, 33.1990,
-23.4810

■ 217.7290, 2.2010,
-1.3430

■ 197.5580, 41.0860,
-28.7540

■ 221.9980, -5.6860,
3.9300

■ 193.2890, 48.9730,
-34.0270

■ 226.0390,
-12.9310, 8.5810

■ 189.7210, 56.2640,
-39.5120

■ 227.2130,
-13.4810, 7.5350

■ 185.4520, 64.1510,
-44.7850

■ 228.9740,
-14.3060, 5.9660

■ 181.7700, 71.7630,
-50.5810

■ 230.1480,
-14.8560, 4.9200

■ 178.7720, 77.4490,
-54.5110

■ 231.9090,
-15.6810, 3.3510

■ 233.6700,
-16.5060, 1.7820

Harmonies

Analogous

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



212.1760, 31.4990, -3.6770



209.7780, 17.7000, -12.4120



206.9650, -2.0600, -17.7400

Triad

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



209.7780, 17.7000, -12.4120



203.7200, -46.3060, -8.8180



215.7290, 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.



209.7780, 17.7000, -12.4120



178.2220, -17.7000, 12.4120

Split Complementary

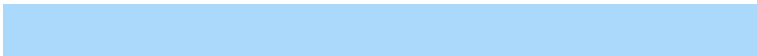
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



214.5510, 0.5470, 17.6270



209.7780, 17.7000, -12.4120



207.2360, -38.6510, 1.1330

Square

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



209.7780, 17.7000, -12.4120



202.9130, -39.8400, -15.8720



211.4280, -21.2760, 11.1400



214.4390, 32.9170, 14.6850

Rectangle

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



209.7780, 17.7000, -12.4120



205.3100, -16.2730, -18.9690



211.4280, -21.2760, 11.1400



215.3200, 14.4390, 19.1670

Sweetspot

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



209.7780, 17.7000, -12.4120



251.7740, 6.3280, -4.5520



184.7480, 27.5530, 12.7770



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.



209.7780, 17.7000, -12.4120



242.4380, 24.3490, -17.2750



207.9180, 5.3220, -19.3660



107.5720, 4.0810, -2.3750



141.5380, 61.0330, -43.3430



37.2340, 16.4160, -11.1680

Inverse Universe

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



178.2220, -17.7000, 12.4120



198.5620, -24.3490, 17.2750



180.0820, -5.3220, 19.3660



100.8410, -3.8060, 2.8980



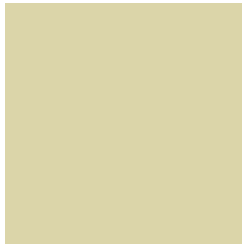
32.0490, -61.3080, 42.8200



8.7660, -16.4160, 11.1680

Previews

White Background



This preview shows how the YIQ color 209.7780, 17.7000, -12.4120 looks on a white background.

Color Contrast Check

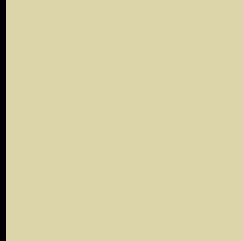
Large Text (above 18pt) WCAG AA × Fail

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 209.7780, 17.7000, -12.4120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

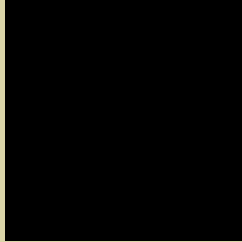
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

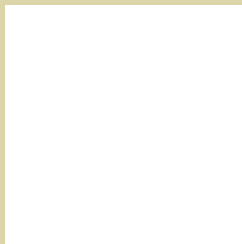
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 209.7780, 17.7000, -12.4120

Background



This preview shows how black text looks on a background with the YIQ color 209.7780, 17.7000, -12.4120.



This preview shows how white text looks on a background with the YIQ color 209.7780, 17.7000, -12.4120.

-12.4120.

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

209.7780, 17.7000, -12.4120

Protanopia

210.2840, 22.1470, -10.4050

Deuteranopia

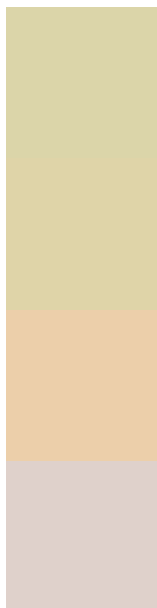
212.2090, 35.9000, -0.8360



Tritanopia

213.8040, 6.7840, 9.2160

Trichromacy



Original Color

209.7780, 17.7000, -12.4120

Protanomaly

210.2730, 20.6800, -11.3520

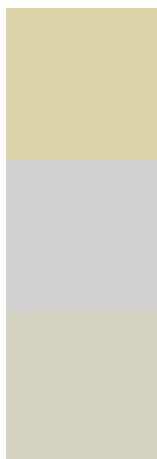
Deuteranomaly

211.4530, 29.1610, -5.3590

Tritanomaly

212.5020, 10.2700, 1.1020

Monochromacy



Original Color

209.7780, 17.7000, -12.4120

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.7740, 6.3280, -4.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.7780, 17.7000, -12.4120 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, 213, 169)` looks like.

```
.text, #text, p{  
    color:rgb(219, 213, 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(219, 213, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 213, 169) }
```

Border

The CSS property to change the border of an element to YIQ 209.7780, 17.7000, -12.4120 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, 213, 169) }
```


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

```
.border{ border-color:rgb(219, 213, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 213, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 213, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 213, 169);  
box-shadow:4px 4px 4px 4px rgb(219, 213,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 209.7780, 17.7000, -12.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 213, 169) }
```

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

```
.background{ background-color: rgb(219,  
213, 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](#).

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