

Converting Colors

YIQ(214.7990, -12.0150,
14.0090)

Have a look what the booklet for
YIQ(214.7990, -12.0150, 14.0090)
contains.

YIQ(214.7990, -12.0150, 14.0090)	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(214.7990, -12.0150,
14.0090)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D1FC
RGB	212, 209, 252
RGB Percent	83%, 82%, 99%
CMY	0.1686, 0.1804, 0.0118
CMYK	0.16, 0.17, 0.00, 0.01
HSL	244°, 88%, 90%
HSV	244°, 17%, 99%
XYZ	67.5215, 66.6257, 101.3796
YIQ	214.7990, -12.0150, 14.0090

Conversions

Conversions Part 2

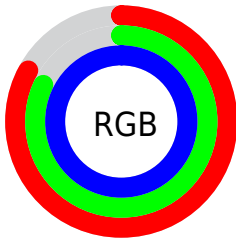
Format	Color
R _Y B	212, 209, 252
Decimal	13947388
CIE Lab	85.31, 9.44, -20.62
CIE LCh	85, 22.674, 294.602
Yxy	66.6257, 0.2867, 0.2829
Android (android.graphics.Color)	4292137468 (0xFFD4D1FC)
YUV	214.7990, 18.3401, -2.4547
Hunter-Lab	81.6245, 4.8158, -16.5024

Details

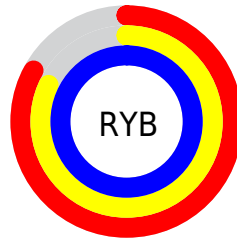
The YIQ color $214.7990, -12.0150, 14.0090$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $246.2010, 12.0150, -14.0090$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $160.1580, -11.6480, 12.8640$ is the 20% darker color. If you saturate the color by 10%, you get $193.2470, -18.8480, 22.2080$, and if you desaturate by 10%, it is $236.3510, -5.1820, 5.8100$.

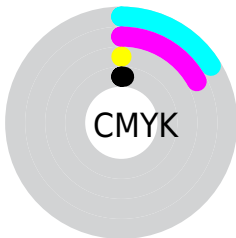
Distribution



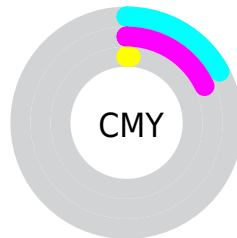
- Red (83%)
- Green (82%)
- Blue (99%)



- Red (83%)
- Yellow (82%)
- Blue (99%)



- Cyan (16%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)



- Cyan (17%)
- Magenta (18%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.7990, -12.0150, 14.0090 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 214.7990, -12.0150, 14.0090 by changing the saturation by 10% instead.

■ 214.7990,
-12.0150, 14.0090

■ 214.7990,
-12.0150, 14.0090

255.0000, -0.0000,
-0.0000

■ 186.6850,
-11.6940, 13.6980

■ 160.1580,
-11.6480, 12.8640

■ 134.0440,
-11.3270, 12.5530

■ 108.6310,
-11.6020, 12.0300

■ 84.1040, -11.5560,
11.1960

■ 60.8760, -10.9140,
10.5740

■ 38.4630, -11.1890,

10.0510

■ 16.9360, -11.1430,
9.2170

■ 3.3230, -7.9790,
6.9410

■ 214.7990,
-12.0150, 14.0090

■ 214.7990,
-12.0150, 14.0090

■ 193.2470,
-18.8480, 22.2080

■ 236.3510, -5.1820,
5.8100

■ 171.3960,
-26.2770, 30.1950

254.6580, 0.9630,
-0.9330

■ 149.2570,
-32.8350, 38.9170

■ 127.4060,
-40.2640, 46.9040

■ 105.8540,
-47.0970, 55.1030

■ 84.0030, -54.5260,
63.0900

■ 62.4510, -61.3590,
71.2890

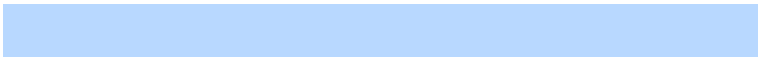
■ 40.3120, -67.9170,
80.0110

■ 34.1100, -70.1640,
82.1880

Harmonies

Analogous

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



210.8780, -31.5910, 5.3450



214.7990, -12.0150, 14.0090



216.5690, 9.3040, 18.6160

Triad

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



214.7990, -12.0150, 14.0090



214.9040, 35.4410, 1.9770



205.1220, -30.3030, -18.0070

Complementary

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



214.7990, -12.0150, 14.0090



246.2010, 12.0150, -14.0090

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.



207.9470, -10.8170, -18.7290



214.7990, -12.0150, 14.0090



212.7300, 26.8230, -7.0410

Square

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



214.7990, -12.0150, 14.0090



215.4020, 34.3390, 10.9390



210.3040, 10.2270, -14.6450



204.6400, -43.3250, -13.2850

Rectangle

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



214.7990, -12.0150, 14.0090



216.9140, 21.4540, 18.6860



210.3040, 10.2270, -14.6450



206.1180, -24.4800, -18.9120

Sweetspot

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



214.7990, -12.0150, 14.0090



243.7810, -3.5770, 4.2550



237.3820, -24.8030, -7.5470



120.9120, -2.5680, 2.4880



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.



214.7990, -12.0150, 14.0090



211.0100, -13.9870, 16.7090



221.0780, 0.5010, 18.4610



113.7810, -3.5770, 4.2550



25.4330, -52.9210, 61.5350



8.1500, -17.1970, 19.8190

Inverse Universe

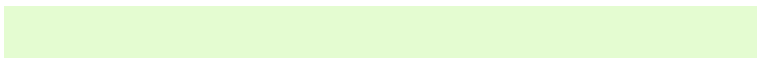
The Inverse Universe completely reimagines the original color for something new.



226.4170, 12.7880, 21.5560



224.6070, 15.3090, 25.4290



239.9220, -0.5010, -18.4610



117.2550, 3.8960, 6.4880



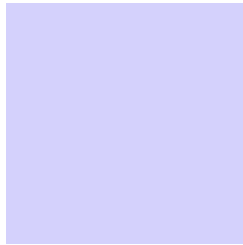
76.4610, 56.4690, 94.4930



24.7370, 18.0590, 30.6590

Previews

White Background



This preview shows how the YIQ color 214.7990, -12.0150, 14.0090 looks on a white background.

Color Contrast Check

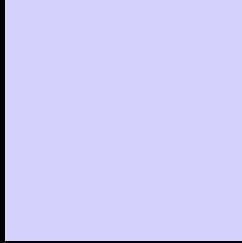
Large Text (above 18pt) WCAG AA × Fail

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 214.7990, -12.0150, 14.0090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

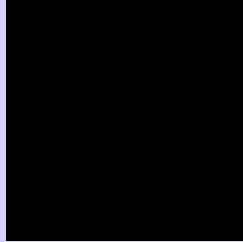
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.7990, -12.0150, 14.0090

Background



This preview shows how black text looks on a background with the YIQ color 214.7990, -12.0150, 14.0090.



This preview shows how white text looks on a background with the YIQ color 214.7990, -12.0150,

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

214.7990, -12.0150, 14.0090

Protanopia

213.6950, -17.6540, 11.5780

Deuteranopia

215.1090, -9.9520, 15.1680



Tritanopia

213.4430, -8.4370, 4.2270

Trichromacy



Original Color

214.7990, -12.0150, 14.0090

Protanomaly

214.0050, -15.5910, 12.7370

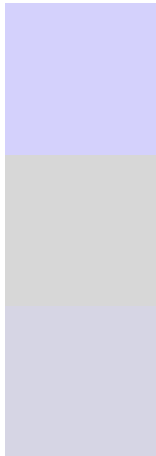
Deuteranomaly

214.8100, -10.5480, 14.9560

Tritanomaly

214.0670, -10.1340, 7.4500

Monochromacy



Original Color

214.7990, -12.0150, 14.0090

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

215.0090, -4.2190, 4.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.7990, -12.0150, 14.0090 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(212, 209, 252)` looks like.

```
.text, #text, p{  
    color:rgb(212, 209, 252)  
}
```

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(212, 209, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 209, 252) }
```

Border

The CSS property to change the border of an element to YIQ 214.7990, -12.0150, 14.0090 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(212, 209, 252) }
```


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

```
.border{ border-color:rgb(212, 209, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 209, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 209, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 209, 252);  
box-shadow:4px 4px 4px 4px rgb(212, 209,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 214.7990, -12.0150, 14.0090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 209, 252) }
```

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

```
.background{ background-color: rgb(212,  
209, 252) }
```

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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