

Converting Colors

YIQ(211.7740, -1.6990, 14.2770)

Have a look what the booklet for
YIQ(211.7740, -1.6990, 14.2770)
contains.

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Color

**YIQ(211.7740, -1.6990,
14.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCBE6
RGB	219, 203, 238
RGB Percent	86%, 80%, 93%
CMY	0.1411, 0.2039, 0.0667
CMYK	0.08, 0.15, 0.00, 0.07
HSL	267°, 51%, 86%
HSV	267°, 15%, 93%
XYZ	66.0037, 63.9437, 89.7459
YIQ	211.7740, -1.6990, 14.2770

Conversions

Conversions Part 2

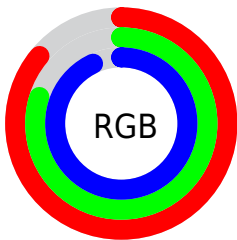
Format	Color
R _Y B	219, 203, 238
Decimal	14404590
CIE Lab	83.94, 12.01, -15.22
CIE LCh	84, 19.385, 308.287
Yxy	63.9437, 0.3004, 0.2911
Android (android.graphics.Color)	4292594670 (0xFFDBCBE)
YUV	211.7740, 12.9294, 6.3372
Hunter-Lab	79.9648, 7.3972, -10.5668

Details

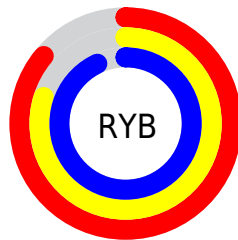
The YIQ color $211.7740, -1.6990, 14.2770$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $229.2260, 1.6990, -14.2770$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $157.2470, -1.6530, 13.4430$ is the 20% darker color. If you saturate the color by 10%, you get $193.7990, -2.8470, 24.0730$, and if you desaturate by 10%, it is $229.7490, -0.5510, 4.4810$.

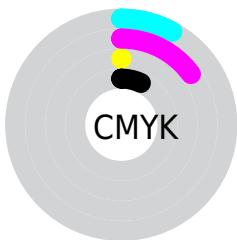
Distribution



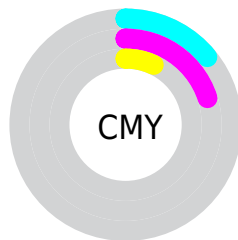
- Red (86%)
- Green (80%)
- Blue (93%)



- Red (86%)
- Yellow (80%)
- Blue (93%)



- Cyan (8%)
- Magenta (15%)
- Yellow (0%)
- Black (7%)



- Cyan (14%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.7740, -1.6990, 14.2770 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 211.7740, -1.6990, 14.2770 by changing the saturation by 10% instead.

■ 211.7740, -1.6990,
14.2770

■ 211.7740, -1.6990,
14.2770

255.0000, -0.0000,
-0.0000

■ 184.3610, -1.9740,
13.7540

■ 157.2470, -1.6530,
13.4430

■ 130.8340, -1.9280,
12.9200

■ 105.7200, -1.6070,
12.6090

■ 81.3070, -1.8820,
12.0860

■ 58.7800, -1.8360,
11.2520

■ 36.3670, -2.1110,

10.7290

■ 14.6770, -0.0480,
11.8880

■ 1.3680, -3.8520,
3.7320

■ 211.7740, -1.6990,
14.2770

■ 211.7740, -1.6990,
14.2770

■ 193.7990, -2.8470,
24.0730

■ 229.7490, -0.5510,
4.4810

■ 175.8240, -3.9950,
33.8690

■ 247.7240, 0.5970,
-5.3150

■ 158.4360, -5.4180,
43.1420

■ 253.0620, 5.4570,
-5.2870

■ 140.4610, -6.5660,
52.9380

■ 122.4860, -7.7140,
62.7340

■ 104.8100, -8.2660,
72.7420

■ 86.8350, -9.4140,
82.5380

■ 69.4470, -10.8370,
91.8110

■ 59.7230, -11.4340,
97.1260

Harmonies

Analogous

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



208.9180, -19.9000, 8.2280



211.7740, -1.6990, 14.2770



212.8100, 15.8150, 16.2550

Triad

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



211.7740, -1.6990, 14.2770



210.3760, 28.0600, -1.9240



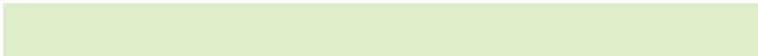
202.5720, -31.4500, -13.7380

Complementary

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



211.7740, -1.6990, 14.2770



229.2260, 1.6990, -14.2770

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.



204.0050, -16.7320, -16.1560



211.7740, -1.6990, 14.2770



208.4730, 17.2410, -9.5990

Square

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



211.7740, -1.6990, 14.2770



211.6850, 31.8640, 6.2320



205.9270, 1.1030, -14.4890



203.3250, -37.8240, -8.3520

Rectangle

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



211.7740, -1.6990, 14.2770



212.9480, 24.1140, 14.5300



205.9270, 1.1030, -14.4890



202.7850, -27.7360, -14.9680

Sweetspot

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



211.7740, -1.6990, 14.2770



247.3360, -0.8260, 3.9580



218.1430, -16.4600, 0.9480



122.6950, -0.4590, 2.8130



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.



211.7740, -1.6990, 14.2770



220.5230, -2.2500, 18.7580



216.8570, 8.4330, 17.8810



110.8630, -0.8720, 4.7920



46.0920, -9.0000, 75.0320



14.1580, -2.4800, 22.9280

Inverse Universe

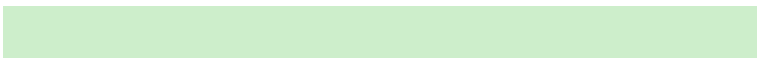
The Inverse Universe completely reimagines the original color for something new.



215.6310, 14.7610, 13.3290



225.6040, 19.3910, 17.5270



224.1430, -8.4330, -17.8810



112.2720, 5.2260, 4.4100



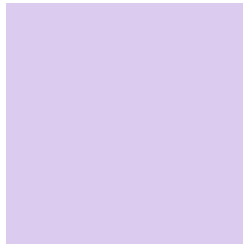
66.4160, 77.5640, 70.1080



20.1640, 23.7460, 21.2020

Previews

White Background



This preview shows how the YIQ color 211.7740, -1.6990, 14.2770 looks on a white background.

Color Contrast Check

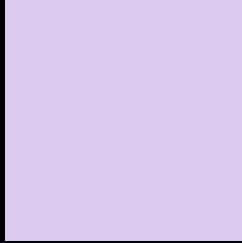
Large Text (above 18pt) WCAG AA × Fail

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 211.7740, -1.6990, 14.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

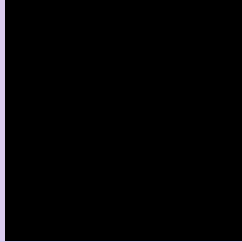
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.7740, -1.6990, 14.2770

Background



This preview shows how black text looks on a background with the YIQ color 211.7740, -1.6990, 14.2770.



This preview shows how white text looks on a background with the YIQ color 211.7740, -1.6990,

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

211.7740, -1.6990, 14.2770

Protanopia

210.2670, -13.5730, 9.2030

Deuteranopia

211.4640, -3.7620, 13.1180



Tritanopia

210.8140, 0.8240, 7.0960

Trichromacy



Original Color

211.7740, -1.6990, 14.2770

Protanomaly

210.7730, -9.1260, 11.2100

Deuteranomaly

211.7630, -3.1660, 13.3300

Tritanomaly

211.2100, -0.2310, 9.6970

Monochromacy



Original Color

211.7740, -1.6990, 14.2770

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.1620, -0.2760, 5.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.7740, -1.6990, 14.2770 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, 203, 238)` looks like.

```
.text, #text, p{  
    color:rgb(219, 203, 238)  
}
```

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, 203, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 203, 238) }
```

Border

The CSS property to change the border of an element to YIQ 211.7740, -1.6990, 14.2770 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, 203, 238) }
```


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

```
.border{ border-color:rgb(219, 203, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 203, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 203, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 203, 238);  
box-shadow:4px 4px 4px 4px rgb(219, 203,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 211.7740, -1.6990, 14.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 203, 238) }
```

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

```
.background{ background-color: rgb(219,  
203, 238) }
```

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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