

Converting Colors

YIQ(214.5910, 3.0700, 10.4460)

Have a look what the booklet for
YIQ(214.5910, 3.0700, 10.4460)
contains.

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Color

**YIQ(214.5910, 3.0700,
10.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	E0CFE5
RGB	224, 207, 229
RGB Percent	88%, 81%, 90%
CMY	0.1215, 0.1882, 0.1020
CMYK	0.02, 0.10, 0.00, 0.10
HSL	286°, 30%, 85%
HSV	286°, 10%, 90%
XYZ	67.1985, 66.1288, 83.3502
YIQ	214.5910, 3.0700, 10.4460

Conversions

Conversions Part 2

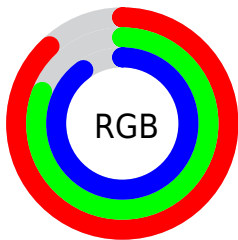
Format	Color
R_{YB}	224, 207, 229
Decimal	14733285
CIE _{Lab}	85.06, 9.82, -8.71
CIE _{LCh}	85, 13.123, 318.412
Yxy	66.1288, 0.3101, 0.3052
Android (android.graphics.Color)	4292923365 (0xFFE0CFE5)
YUV	214.5910, 7.1036, 8.2517
Hunter-Lab	81.3196, 5.1943, -3.8468

Details

The YIQ color $214.5910, 3.0700, 10.4460$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $221.4090, -3.0700, -10.4460$, 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 $160.1780, 2.7950, 9.9230$ is the 20% darker color. If you saturate the color by 10%, you get $199.5950, 6.4150, 21.4150$, and if you desaturate by 10%, it is $229.5870, -0.2750, -0.5230$.

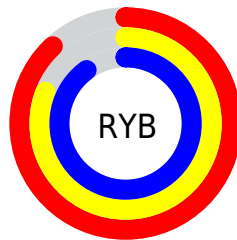
Distribution



Red (88%)

Green (81%)

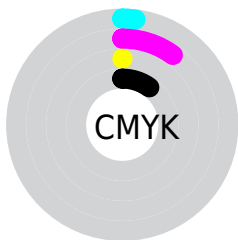
Blue (90%)



Red (88%)

Yellow (81%)

Blue (90%)

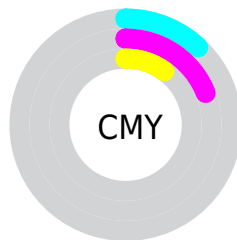


Cyan (2%)

Magenta (10%)

Yellow (0%)

Black (10%)



Cyan (12%)

Magenta (19%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.5910, 3.0700, 10.4460 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 214.5910, 3.0700, 10.4460 by changing the saturation by 10% instead.

■ 214.5910, 3.0700,
10.4460

■ 214.5910, 3.0700,
10.4460

255.0000, -0.0000,
-0.0000

■ 186.5910, 3.0700,
10.4460

■ 160.1780, 2.7950,
9.9230

■ 133.7650, 2.5200,
9.4000

■ 108.6510, 2.8410,
9.0890

■ 84.2380, 2.5660,
8.5660

■ 60.9390, 1.9700,
8.3540

■ 38.8250, 2.2910,

8.0430

■ 18.1240, 2.8870,
8.2550

■ 0.0000, 0.0000,
0.0000

■ 214.5910, 3.0700,
10.4460

■ 214.5910, 3.0700,
10.4460

■ 199.5950, 6.4150,
21.4150

■ 229.5870, -0.2750,
-0.5230

■ 184.5990, 9.7600,
32.3840

■ 244.5830, -3.6200,
-11.4920

■ 169.3040, 12.5090,
43.1410

■ 247.5510, -0.5940,
-11.2660

■ 154.3080, 15.8540,
54.1100

■ 249.0460, 2.3860,
-10.2060

■ 139.3120, 19.1990,
65.0790

■ 250.5410, 5.3660,
-9.1460

■ 124.9030, 22.2690,
75.5250

■ 252.0360, 8.3460,
-8.0860

■ 109.9070, 25.6140,
86.4940

■ 94.9110, 28.9590,
97.4630

■ 79.6160, 31.7080,
108.2200

Harmonies

Analogous

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



213.2520, -9.2170, 7.3510



214.5910, 3.0700, 10.4460



215.4520, 13.7070, 10.4030

Triad

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



214.5910, 3.0700, 10.4460



212.8740, 17.7900, -3.0260



208.6380, -22.6480, -8.0560

Complementary

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



214.5910, 3.0700, 10.4460



221.4090, -3.0700, -10.4460

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.



208.9500, -14.8990, -10.8270



214.5910, 3.0700, 10.4460



211.1500, 8.0250, -7.7750

Square

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



214.5910, 3.0700, 10.4460



213.9010, 22.3280, 2.8400



209.5230, -3.3910, -10.1350



209.2020, -24.1160, -3.4760

Rectangle

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



214.5910, 3.0700, 10.4460



215.0350, 19.2550, 8.9750



209.5230, -3.3910, -10.1350



208.4810, -20.7680, -9.0880

Sweetspot

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



214.5910, 3.0700, 10.4460



249.7060, 1.0080, 3.7600



212.4430, -8.4370, 4.2270



123.8800, 0.4580, 2.7140



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.



214.5910, 3.0700, 10.4460



234.7100, 4.3530, 14.7290



215.4020, 7.9760, 9.6400



107.0590, 1.5120, 5.6400



61.6680, 24.7890, 84.9250



17.4750, 6.8730, 24.1290

Inverse Universe

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



214.1480, 11.5070, 6.2190



234.0670, 16.2290, 8.7490



220.5980, -7.9760, -9.6400



106.9300, 6.1890, 3.4770



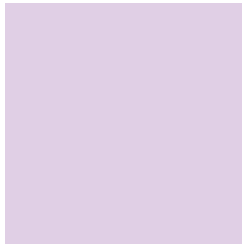
58.0810, 93.8440, 50.3880



16.6170, 26.5440, 14.5440

Previews

White Background



This preview shows how the YIQ color 214.5910, 3.0700, 10.4460 looks on a white background.

Color Contrast Check

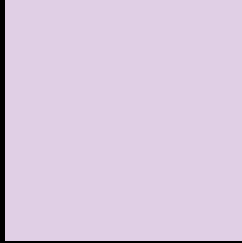
Large Text (above 18pt) WCAG AA × Fail

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 214.5910, 3.0700, 10.4460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

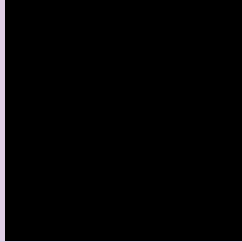
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.5910, 3.0700, 10.4460

Background



This preview shows how black text looks on a background with the YIQ color 214.5910, 3.0700, 10.4460.



This preview shows how white text looks on a background with the YIQ color 214.5910, 3.0700,

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

214.5910, 3.0700, 10.4460

Protanopia

213.3940, -6.7410, 6.5310

Deuteranopia

214.6020, 4.5370, 11.3930



Tritanopia

214.3090, 3.8040, 8.1560

Trichromacy



Original Color

214.5910, 3.0700, 10.4460

Protanomaly

214.1880, -3.1650, 7.8030

Deuteranomaly

214.3030, 3.9410, 11.1810

Tritanomaly

214.5370, 3.1620, 8.7780

Monochromacy



Original Color

214.5910, 3.0700, 10.4460

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

214.7060, 1.0080, 3.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.5910, 3.0700, 10.4460 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(224, 207, 229)` looks like.

```
.text, #text, p{  
    color:rgb(224, 207, 229)  
}
```

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(224, 207, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 207, 229) }
```

Border

The CSS property to change the border of an element to YIQ 214.5910, 3.0700, 10.4460 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(224, 207, 229) }
```


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

```
.border{ border-color:rgb(224, 207, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 207, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 207, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 207, 229);  
box-shadow:4px 4px 4px 4px rgb(224, 207,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 214.5910, 3.0700, 10.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 207, 229) }
```

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

```
.background{ background-color: rgb(224,  
207, 229) }
```

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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