

Converting Colors

YIQ(195.7230, -14.8570,
10.4470)

Have a look what the booklet for
YIQ(195.7230, -14.8570, 10.4470)
contains.

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Color

**YIQ(195.7230, -14.8570,
10.4470)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC1E6
RGB	188, 193, 230
RGB Percent	74%, 76%, 90%
CMY	0.2627, 0.2431, 0.0981
CMYK	0.18, 0.16, 0.00, 0.10
HSL	233°, 46%, 82%
HSV	233°, 18%, 90%
XYZ	54.0900, 54.5445, 82.5238
YIQ	195.7230, -14.8570, 10.4470

Conversions

Conversions Part 2

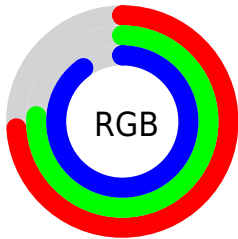
Format	Color
R _Y B	188, 192, 230
Decimal	12370406
CIE Lab	78.78, 5.82, -18.94
CIE LCh	79, 19.812, 287.080
Yxy	54.5445, 0.2830, 0.2853
Android (android.graphics.Color)	4290560486 (0xFFBCC1E6)
YUV	195.7230, 16.8986, -6.7731
Hunter-Lab	73.8543, 1.4862, -14.5518

Details

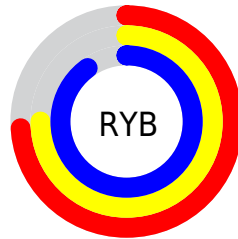
The YIQ color $195.7230, -14.8570, 10.4470$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $222.2770, 14.8570, -10.4470$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.4880, -4.3100, 1.0180$, and $142.0820, -14.4900, 9.3020$ is the 20% darker color. If you saturate the color by 10%, you get $177.1060, -23.0650, 16.0310$, and if you desaturate by 10%, it is $214.3400, -6.6490, 4.8630$.

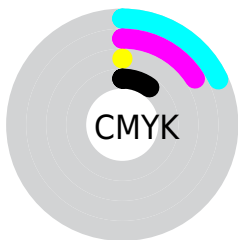
Distribution



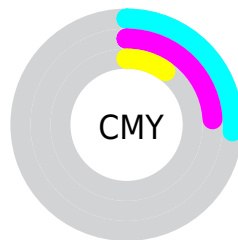
- Red (74%)
- Green (76%)
- Blue (90%)



- Red (74%)
- Yellow (75%)
- Blue (90%)



- Cyan (18%)
- Magenta (16%)
- Yellow (0%)
- Black (10%)



- Cyan (26%)
- Magenta (24%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.7230, -14.8570, 10.4470 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 195.7230, -14.8570, 10.4470 by changing the saturation by 10% instead.

■ 195.7230,
-14.8570, 10.4470

■ 195.7230,
-14.8570, 10.4470

■ 255.0000, -0.0000,
-0.0000

■ 168.6090,
-14.5360, 10.1360

■ 248.4880, -4.3100,
1.0180

■ 142.0820,
-14.4900, 9.3020

■ 116.3810,
-13.8940, 9.5140

■ 91.8540, -13.8480,
8.6800

■ 67.7400, -13.5270,
8.3690

■ 45.2130, -13.4810,
7.5350

■ 23.9740, -14.3060,

5.9660

■ 3.8930, -9.5840,
8.4960

■ 0.0000, 0.0000,
0.0000

■ 195.7230,
-14.8570, 10.4470

■ 195.7230,
-14.8570, 10.4470

■ 177.1060,
-23.0650, 16.0310

■ 214.3400, -6.6490,
4.8630

■ 157.9020,
-30.9980, 22.1380

■ 233.5440, 1.2840,
-1.2440

■ 139.2850,
-39.2060, 27.7220

■ 251.5630, 8.3000,
-7.2520

■ 120.6680,
-47.4140, 33.3060

■ 252.1500, 8.0250,
-7.7750

■ 102.0510,
-55.6220, 38.8900

■ 82.8470, -63.5550,
44.9970

■ 64.2300, -71.7630,
50.5810

■ 45.6130, -79.9710,
56.1650

■ 42.0690, -81.2550,
57.4090

Harmonies

Analogous

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



192.0690, -30.8110, 2.2210



195.7230, -14.8570, 10.4470



197.9380, 3.7110, 15.3510

Triad

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



195.7230, -14.8570, 10.4470



196.6310, 31.9560, 4.5640



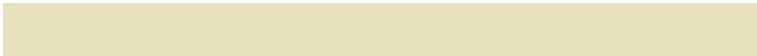
188.7810, -21.9130, -15.8730

Complementary

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



195.7230, -14.8570, 10.4470



222.2770, 14.8570, -10.4470

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.



190.8770, -4.6280, -15.2520



195.7230, -14.8570, 10.4470



195.1260, 25.7680, -4.4400

Square

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



195.7230, -14.8570, 10.4470



197.8900, 30.0290, 11.9570



193.0810, 12.4730, -11.2950



188.2450, -34.8430, -12.8190

Rectangle

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



195.7230, -14.8570, 10.4470



198.6250, 14.8980, 16.3540



193.0810, 12.4730, -11.2950



189.3040, -16.1360, -15.9440

Sweetspot

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



195.7230, -14.8570, 10.4470



244.6560, -4.7230, 2.9970



216.7580, -23.1060, -10.7700



121.4990, -2.8430, 1.9650



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.



195.7230, -14.8570, 10.4470



209.4930, -19.9010, 13.7550



197.2730, -4.5420, 16.2420



105.5420, -4.4020, 2.6860



32.7330, -63.2340, 44.6860



9.3360, -18.0210, 12.7230

Inverse Universe

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



201.1280, 23.4270, 10.4590



216.5420, 31.1290, 14.0490



220.7270, 4.5420, -16.2420



106.8160, 6.5100, 3.1660



55.9150, 99.9430, 44.4790



15.9330, 28.4700, 12.6780

Previews

White Background



This preview shows how the YIQ color 195.7230, -14.8570, 10.4470 looks on a white background.

Color Contrast Check

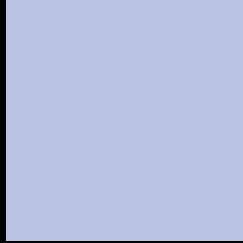
Large Text (above 18pt) WCAG AA × Fail

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 195.7230, -14.8570, 10.4470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

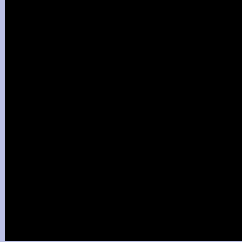
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.7230, -14.8570, 10.4470

Background



This preview shows how black text looks on a background with the YIQ color 195.7230, -14.8570, 10.4470.



This preview shows how white text looks on a background with the YIQ color 195.7230, -14.8570, 10.4470.

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

195.7230, -14.8570, 10.4470

Protanopia

195.4240, -15.4530, 10.2350

Deuteranopia

196.4680, -9.5850, 14.0230



Tritanopia

194.5350, -11.6920, 2.6440

Trichromacy



Original Color

195.7230, -14.8570, 10.4470

Protanomaly

195.4240, -15.4530, 10.2350

Deuteranomaly

196.1580, -11.6480, 12.8640

Tritanomaly

195.0450, -13.0680, 5.5560

Monochromacy



Original Color

195.7230, -14.8570, 10.4470

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.8840, -5.3650, 3.6190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.7230, -14.8570, 10.4470 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(188, 193, 230)` looks like.

```
.text, #text, p{  
    color:rgb(188, 193, 230)  
}
```

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(188, 193, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 193, 230) }
```

Border

The CSS property to change the border of an element to YIQ 195.7230, -14.8570, 10.4470 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(188, 193, 230) }
```


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

```
.border{ border-color:rgb(188, 193, 230) }
```

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

Here you see how a box with a 4 pixel rgb(188, 193, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 193, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 193, 230);  
box-shadow:4px 4px 4px 4px rgb(188, 193,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 195.7230, -14.8570, 10.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 193, 230) }
```

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

```
.background{ background-color: rgb(188,  
193, 230) }
```

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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