

Converting Colors

YIQ(194.6170, -17.0140,
22.0100)

Have a look what the booklet for
YIQ(194.6170, -17.0140, 22.0100)
contains.

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Color

**YIQ(194.6170, -17.0140,
22.0100)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B9FB
RGB	192, 185, 251
RGB Percent	75%, 73%, 98%
CMY	0.2470, 0.2745, 0.0158
CMYK	0.23, 0.26, 0.00, 0.02
HSL	246°, 89%, 85%
HSV	246°, 26%, 98%
XYZ	56.4982, 52.8683, 98.4686
YIQ	194.6170, -17.0140, 22.0100

Conversions

Conversions Part 2

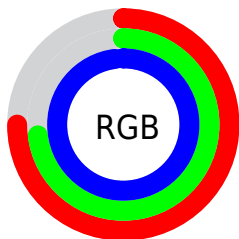
Format	Color
R _Y B	192, 185, 251
Decimal	12630523
CIE Lab	77.80, 16.11, -31.69
CIE LCh	78, 35.548, 296.944
Yxy	52.8683, 0.2718, 0.2544
Android (android.graphics.Color)	4290820603 (0xFFC0B9FB)
YUV	194.6170, 27.7968, -2.2951
Hunter-Lab	72.7106, 11.4560, -29.3963

Details

The YIQ color $194.6170, -17.0140, 22.0100$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $241.3830, 17.0140, -22.0100$, and the grayscale version is $194.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $244.9880, 0.2740, 6.0500$, and $140.5630, -16.9220, 20.3420$ is the 20% darker color. If you saturate the color by 10%, you get $173.3640, -23.2510, 30.4210$, and if you desaturate by 10%, it is $215.8700, -10.7770, 13.5990$.

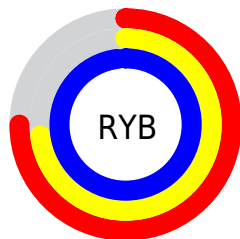
Distribution



Red (75%)

Green (73%)

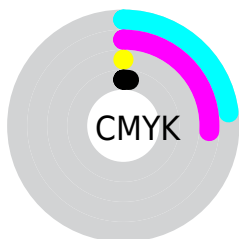
Blue (98%)



Red (75%)

Yellow (73%)

Blue (98%)

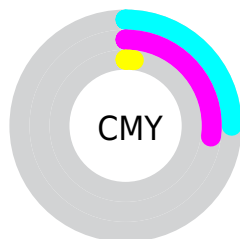


Cyan (23%)

Magenta (26%)

Yellow (0%)

Black (2%)



Cyan (25%)

Magenta (27%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.6170, -17.0140, 22.0100 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 194.6170, -17.0140, 22.0100 by changing the saturation by 10% instead.

■ 194.6170,
-17.0140, 22.0100

■ 194.6170,
-17.0140, 22.0100

■ 255.0000, -0.0000,
-0.0000

■ 167.0900,
-16.9680, 21.1760

■ 244.9880, 0.2740,
6.0500

■ 140.5630,
-16.9220, 20.3420

■ 115.0360,
-16.8760, 19.5080

■ 90.0960, -17.1050,
18.1510

■ 66.2700, -17.6550,
17.1050

■ 43.0310, -18.4800,
15.5360

■ 19.8840, -22.5600,

12.3840

■ 4.9020, -13.8030,
13.3730

■ 3.0950, -7.3370,
6.3190

■ 194.6170,
-17.0140, 22.0100

■ 194.6170,
-17.0140, 22.0100

■ 173.3640,
-23.2510, 30.4210

■ 215.8700,
-10.7770, 13.5990

■ 151.8120,
-30.0840, 38.6200

■ 237.4220, -3.9440,
5.4000

■ 130.5590,
-36.3210, 47.0310

■ 254.5440, 1.2840,
-1.2440

■ 109.0070,
-43.1540, 55.2300

■ 87.7540, -49.3910,
63.6410

■ 65.6150, -55.9490,
72.3630

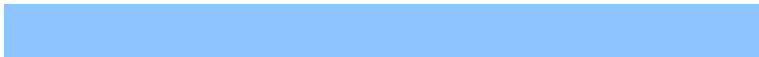
■ 44.3620, -62.1860,
80.7740

■ 36.6870, -64.4790,
83.7850

Harmonies

Analogous

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



186.5800, -51.1230, 6.9010



194.6170, -17.0140, 22.0100



197.3130, 16.3170, 29.1890

Triad

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



194.6170, -17.0140, 22.0100



193.1740, 52.1760, 1.5520



176.6950, -54.3260, -28.6780

Complementary

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



194.6170, -17.0140, 22.0100



241.3830, 17.0140, -22.0100

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.



182.8330, -19.6640, -29.1040



194.6170, -17.0140, 22.0100



190.4890, 37.5070, -13.4450

Square

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



194.6170, -17.0140, 22.0100



194.1440, 52.8610, 16.6770



186.9910, 12.2460, -23.7060



172.3840, -81.0110, -24.1390

Rectangle

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



194.6170, -17.0140, 22.0100



197.0670, 34.5650, 28.8770



186.9910, 12.2460, -23.7060



178.3280, -43.0470, -29.3430

Sweetspot

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



194.6170, -17.0140, 22.0100



237.8780, -5.2280, 6.6440



227.1570, -37.4110, -10.3310



116.7810, -3.5770, 4.2550



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.



194.6170, -17.0140, 22.0100



185.0390, -20.9580, 27.4100



204.4840, 2.6540, 29.0060



114.0800, -2.9810, 4.4670



27.5260, -48.7490, 63.0190



9.0470, -15.4090, 20.4550

Inverse Universe

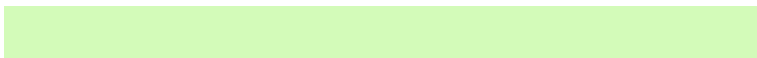
The Inverse Universe completely reimagines the original color for something new.



211.4600, 20.3970, 32.3410



205.8400, 25.4390, 40.0870



231.5160, -2.6540, -29.0060



117.2550, 3.8960, 6.4880



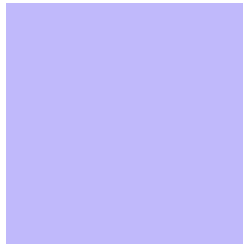
75.7770, 58.3950, 92.6270



24.5090, 18.7010, 30.0370

Previews

White Background



This preview shows how the YIQ color 194.6170, -17.0140, 22.0100 looks on a white background.

Color Contrast Check

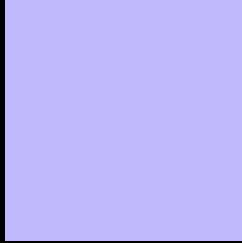
Large Text (above 18pt) WCAG AA × Fail

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 194.6170, -17.0140, 22.0100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

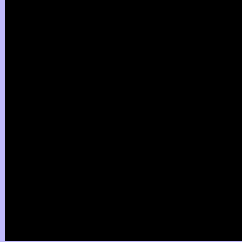
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.6170, -17.0140, 22.0100

Background



This preview shows how black text looks on a background with the YIQ color 194.6170, -17.0140, 22.0100.

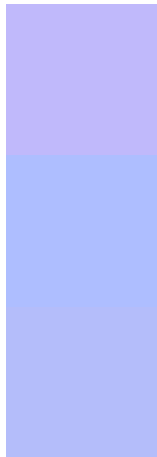


This preview shows how white text looks on a background with the YIQ color 194.6170, -17.0140,

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

194.6170, -17.0140, 22.0100

Protanopia

192.6260, -30.4010, 16.8230

Deuteranopia

193.2630, -24.9450, 17.0630



Tritanopia

192.0190, -10.1790, 2.7570

Trichromacy



Original Color

194.6170, -17.0140, 22.0100

Protanomaly

193.4310, -25.3580, 19.0420

Deuteranomaly

193.8720, -22.2860, 18.4340

Tritanomaly

192.9790, -12.7020, 9.9380

Monochromacy



Original Color

194.6170, -17.0140, 22.0100

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

194.6330, -5.9160, 8.1000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.6170, -17.0140, 22.0100 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(192, 185, 251)` looks like.

```
.text, #text, p{  
    color:rgb(192, 185, 251)  
}
```

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(192, 185, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 185, 251) }
```

Border

The CSS property to change the border of an element to YIQ 194.6170, -17.0140, 22.0100 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(192, 185, 251) }
```


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

```
.border{ border-color:rgb(192, 185, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 185, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 185, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 185, 251);  
box-shadow:4px 4px 4px 4px rgb(192, 185,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 194.6170, -17.0140, 22.0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 185, 251) }
```

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

```
.background{ background-color: rgb(192,  
185, 251) }
```

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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