

Converting Colors

YIQ(194.8690, -9.0360, 20.5960)

Have a look what the booklet for
YIQ(194.8690, -9.0360, 20.5960)
contains.

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Color

**YIQ(194.8690, -9.0360,
20.5960)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B8F0
RGB	199, 184, 240
RGB Percent	78%, 72%, 94%
CMY	0.2195, 0.2784, 0.0589
CMYK	0.17, 0.23, 0.00, 0.06
HSL	256°, 65%, 83%
HSV	256°, 23%, 94%
XYZ	56.4223, 52.7131, 89.6232
YIQ	194.8690, -9.0360, 20.5960

Conversions

Conversions Part 2

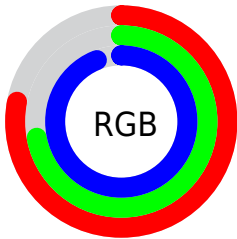
Format	Color
R _{YB}	199, 184, 240
Decimal	13089008
CIE Lab	77.71, 16.32, -25.87
CIE LCh	78, 30.588, 302.235
Yxy	52.7131, 0.2839, 0.2652
Android (android.graphics.Color)	4291279088 (0xFFC7B8F0)
YUV	194.8690, 22.2496, 3.6229
Hunter-Lab	72.6038, 11.6606, -22.3658

Details

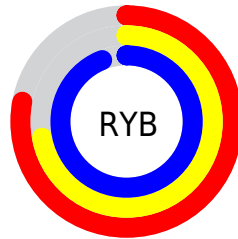
The YIQ color $194.8690, -9.0360, 20.5960$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $229.1310, 9.0360, -20.5960$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $246.1950, 4.1250, 7.8450$, and $140.9290, -9.2650, 19.2390$ is the 20% darker color. If you saturate the color by 10%, you get $175.3990, -13.1640, 29.3320$, and if you desaturate by 10%, it is $214.3390, -4.9080, 11.8600$.

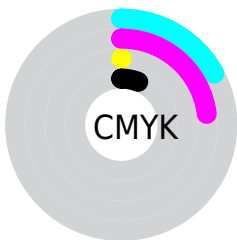
Distribution



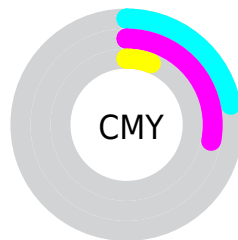
- Red (78%)
- Green (72%)
- Blue (94%)



- Red (78%)
- Yellow (72%)
- Blue (94%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)
- Black (6%)



- Cyan (22%)
- Magenta (28%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.8690, -9.0360, 20.5960 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 194.8690, -9.0360, 20.5960 by changing the saturation by 10% instead.

■ 194.8690, -9.0360,
20.5960

■ 194.8690, -9.0360,
20.5960

■ 255.0000, -0.0000,
-0.0000

■ 167.4560, -9.3110,
20.0730

■ 246.1950, 4.1250,
7.8450

■ 141.2280, -8.6690,
19.4510

■ 115.4020, -9.2190,
18.4050

■ 90.8750, -9.1730,
17.5710

■ 66.6470, -8.5310,
16.9490

■ 44.4080, -9.3560,
15.3800

■ 22.8700, -10.7770,

13.5990

■ 4.1040, -11.5560,
11.1960

■ 1.2540, -3.5310,
3.4210

■ 194.8690, -9.0360,
20.5960

■ 194.8690, -9.0360,
20.5960

■ 175.3990,
-13.1640, 29.3320

■ 214.3390, -4.9080,
11.8600

■ 156.2280,
-16.6960, 38.2800

■ 233.5100, -1.3760,
2.9120

■ 136.7580,
-20.8240, 47.0160

■ 252.3930, 3.0270,
-5.3010

■ 117.5870,
-24.3560, 55.9640

■ 253.2900, 4.8150,
-4.6650

■ 98.1170, -28.4840,
64.7000

■ 78.9460, -32.0160,
73.6480

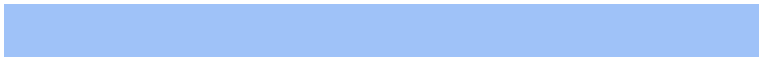
■ 59.4760, -36.1440,
82.3840

■ 46.4960, -38.8960,
88.2080

Harmonies

Analogous

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



189.6910, -38.1940, 9.3740



194.8690, -9.0360, 20.5960



196.4610, 18.6560, 25.3440

Triad

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



194.8690, -9.0360, 20.5960



192.5150, 43.7860, -0.5820



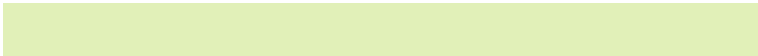
179.0810, -49.4210, -23.9570

Complementary

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



194.8690, -9.0360, 20.5960



229.1310, 9.0360, -20.5960

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.



183.0980, -21.7280, -24.7360



194.8690, -9.0360, 20.5960



190.2970, 29.3000, -13.3880

Square

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



194.8690, -9.0360, 20.5960



194.8720, 47.6350, 12.2670



186.9350, 6.6520, -21.4440



177.7990, -65.8820, -17.4820

Rectangle

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



194.8690, -9.0360, 20.5960



196.5350, 33.0070, 24.0710



186.9350, 6.6520, -21.4440



180.0450, -40.5720, -24.6360

Sweetspot

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



194.8690, -9.0360, 20.5960



240.5470, -2.7980, 6.6580



214.4510, -29.2510, -4.0270



119.1510, -1.7430, 4.0570



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.



194.8690, -9.0360, 20.5960



197.7750, -11.4670, 26.1090



203.2410, 7.6520, 26.5320



110.2650, -2.0640, 4.3680



35.6270, -29.8600, 67.6120



10.8690, -9.0360, 20.5960

Inverse Universe

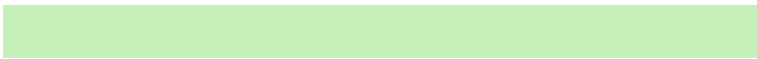
The Inverse Universe completely reimagines the original color for something new.



205.4180, 20.2150, 24.6230



211.1570, 25.6240, 31.2240



220.7590, -7.6520, -26.5320



112.6140, 4.2630, 5.3430



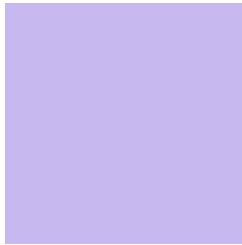
70.2920, 66.6500, 80.6820



21.4180, 20.2150, 24.6230

Previews

White Background



This preview shows how the YIQ color 194.8690, -9.0360, 20.5960 looks on a white background.

Color Contrast Check

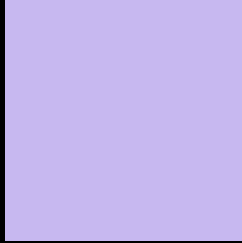
Large Text (above 18pt) WCAG AA × Fail

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 194.8690, -9.0360, 20.5960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

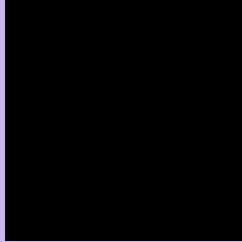
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.8690, -9.0360, 20.5960

Background



This preview shows how black text looks on a background with the YIQ color 194.8690, -9.0360, 20.5960.



This preview shows how white text looks on a background with the YIQ color 194.8690, -9.0360,

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

194.8690, -9.0360, 20.5960

Protanopia

192.5680, -24.4860, 14.2500

Deuteranopia

193.5150, -16.9670, 15.6490



Tritanopia

192.6070, -3.0270, 5.3010

Trichromacy



Original Color

194.8690, -9.0360, 20.5960

Protanomaly

193.6720, -18.8470, 16.6810

Deuteranomaly

194.1240, -14.3080, 17.0200

Tritanomaly

193.5130, -5.4580, 10.8140

Monochromacy



Original Color

194.8690, -9.0360, 20.5960

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

194.7750, -3.4400, 7.2800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.8690, -9.0360, 20.5960 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(199, 184, 240)` looks like.

```
.text, #text, p{  
    color:rgb(199, 184, 240)  
}
```

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(199, 184, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 184, 240) }
```

Border

The CSS property to change the border of an element to YIQ 194.8690, -9.0360, 20.5960 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(199, 184, 240) }
```


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

```
.border{ border-color:rgb(199, 184, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 184, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 184, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 184, 240);  
box-shadow:4px 4px 4px 4px rgb(199, 184,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 194.8690, -9.0360, 20.5960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 184, 240) }
```

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

```
.background{ background-color: rgb(199,  
184, 240) }
```

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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