

# Converting Colors

YIQ(194.6400, -24.9890, 6.8430)

Have a look what the booklet for  
YIQ(194.6400, -24.9890, 6.8430)  
contains.

<b>YIQ(194.6400, -24.9890, 6.8430)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(194.6400, -24.9890,  
6.8430)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AFC5EA
RGB	175, 197, 234
RGB Percent	69%, 77%, 92%
CMY	0.3137, 0.2274, 0.0825
CMYK	0.25, 0.16, 0.00, 0.08
HSL	218°, 58%, 80%
HSV	218°, 25%, 92%
XYZ	52.4925, 54.9885, 85.6645
YIQ	194.6400, -24.9890, 6.8430

# Conversions

## Conversions Part 2

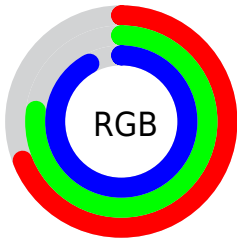
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 191, 234
Decimal	11519466
CIE Lab	79.03, 0.59, -20.78
CIE LCh	79, 20.789, 271.637
Yxy	54.9885, 0.2718, 0.2847
Android (android.graphics.Color)	4289709546 (0xFFAFC5EA)
YUV	194.6400, 19.4045, -17.2243
Hunter-Lab	74.1542, -3.4128, -16.5851

# Details

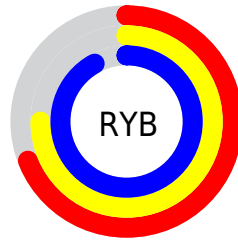
The YIQ color  $194.6400, -24.9890, 6.8430$  is a light color, and the websafe version is hex  $99CCFF$ . A complement of this color would be  $214.3600, 24.9890, -6.8430$ , and the grayscale version is  $194.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $247.2370, -14.0290, -4.5650$ , and  $140.4120, -24.3470, 6.2210$  is the 20% darker color. If you saturate the color by 10%, you get  $178.9580, -34.5720, 9.8120$ , and if you desaturate by 10%, it is  $210.3220, -15.4060, 3.8740$ .

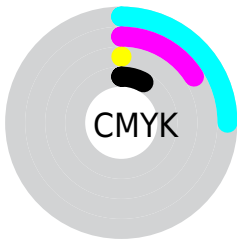
# Distribution



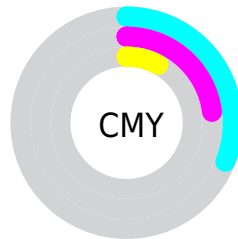
- Red (69%)
- Green (77%)
- Blue (92%)



- Red (69%)
- Yellow (75%)
- Blue (92%)



- Cyan (25%)
- Magenta (16%)
- Yellow (0%)
- Black (8%)



- Cyan (31%)
- Magenta (23%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 194.6400, -24.9890, 6.8430 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 194.6400, -24.9890, 6.8430 by changing the saturation by 10% instead.



■ 194.6400,  
-24.9890, 6.8430

■ 194.6400,  
-24.9890, 6.8430

■ 255.0000, -0.0000,  
-0.0000

■ 167.5260,  
-24.6680, 6.5320

■ 247.2370,  
-14.0290, -4.5650

■ 140.4120,  
-24.3470, 6.2210

■ 115.1840,  
-23.7050, 5.5990

■ 90.0700, -23.3840,  
5.2880

■ 66.2440, -23.9340,  
4.2420

■ 42.8200, -25.6760,  
2.7720

■ 21.8910, -24.4380,

2.3620

■ 4.8220, -10.8220,  
8.9060

■ 0.5700, -1.6050,  
1.5550

■ 194.6400,  
-24.9890, 6.8430

■ 194.6400,  
-24.9890, 6.8430

■ 178.9580,  
-34.5720, 9.8120

■ 210.3220,  
-15.4060, 3.8740

■ 163.5640,  
-45.0260, 12.0460

■ 225.7160, -4.9520,  
1.6400

■ 147.8820,  
-54.6090, 15.0150

■ 241.3980, 4.6310,  
-1.3290

■ 131.9010,  
-64.7880, 17.7720

■ 252.6060, 6.7410,  
-6.5310

■ 116.8060,  
-74.6460, 20.2180

■ 101.1240,  
-84.2290, 23.1870

■ 85.1430, -94.4080,  
25.9440

■ 77.7450, -99.0390,  
27.2730

# Harmonies

## Analogous

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



191.0140, -38.1460, -2.5140



194.6400, -24.9890, 6.8430



197.7350, -5.9630, 14.4610

# Triad

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



194.6400, -24.9890, 6.8430



198.6360, 33.5600, 8.5360



190.1470, -14.2560, -16.9760

# Complementary

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



194.6400, -24.9890, 6.8430



214.3600, 24.9890, -6.8430

# 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.



192.7810, 4.4500, -14.5740



194.6400, -24.9890, 6.8430



196.6970, 31.5900, 0.1820

# Square

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



194.6400, -24.9890, 6.8430



199.0300, 26.8190, 15.0670



195.1530, 21.1380, -8.6380



188.4040, -31.0370, -15.7170



# Rectangle

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



194.6400, -24.9890, 6.8430



198.8460, 6.9660, 16.9340



195.1530, 21.1380, -8.6380



191.2680, -7.2870, -16.6230

# Sweetspot

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



194.6400, -24.9890, 6.8430



241.3890, -8.3450, 2.5590



213.7370, -27.7810, -19.6610



119.4170, -5.5480, 1.4280



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.



194.6400, -24.9890, 6.8430



204.1000, -32.0960, 8.9920



183.8190, -14.7670, 19.8330



109.6020, -4.6310, 1.3290



60.5500, -76.8010, 20.7270



17.8960, -22.8340, 6.3340



# Inverse Universe

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



195.1490, 28.1020, 19.3500



204.9160, 36.3080, 24.8200



225.1810, 14.7670, -19.8330



109.7450, 5.2720, 3.5760



61.8710, 86.0480, 59.5200

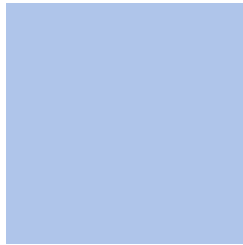


18.4260, 25.7640, 17.6680



# Previews

## White Background



This preview shows how the YIQ color 194.6400, -24.9890, 6.8430 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

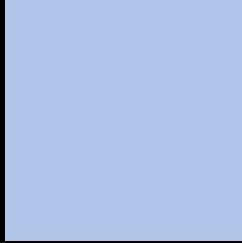
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 194.6400, -24.9890, 6.8430 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

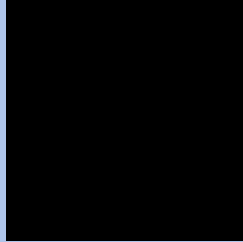
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 194.6400, -24.9890, 6.8430

## Background



This preview shows how black text looks on a background with the YIQ color 194.6400, -24.9890, 6.8430.



This preview shows how white text looks on a background with the YIQ color 194.6400, -24.9890,



# 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

194.6400, -24.9890, 6.8430

### Protanopia

196.5380, -15.7740, 10.5460

### Deuteranopia

197.2120, -11.7400, 14.5320



## Tritanopia

193.1530, -22.4200, -1.1720

# Trichromacy



## Original Color

194.6400, -24.9890, 6.8430

## Protanomaly

195.7440, -19.3500, 9.2740

## Deuteranomaly

196.2930, -16.4620, 12.0020

## Tritanomaly

193.6630, -23.7960, 1.7400

# Monochromacy



## Original Color

194.6400, -24.9890, 6.8430

## Achromatopsia

195.0000, -0.0000, 0.0000

## Achromatomaly

195.0900, -8.9410, 2.3470

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 194.6400, -24.9890, 6.8430 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(175, 197, 234)` looks like.

```
.text, #text, p{  
    color:rgb(175, 197, 234)  
}
```

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(175, 197, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 197, 234) }
```

## Border

The CSS property to change the border of an element to YIQ 194.6400, -24.9890, 6.8430 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".

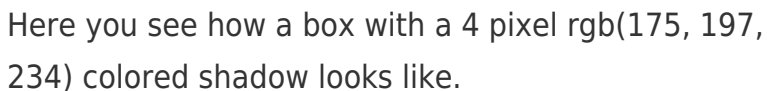
```
.border, #border, table{ border:4px solid rgb(175, 197, 234) }
```



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

```
.border{ border-color:rgb(175, 197, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 197, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 197, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 197, 234);  
box-shadow:4px 4px 4px 4px rgb(175, 197,  
234) }
```

# Background

The CSS property to change the background color of an element to YIQ 194.6400, -24.9890, 6.8430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 197, 234) }
```

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

```
.background{ background-color: rgb(175,  
197, 234) }
```

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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