

Converting Colors

YIQ(193.6000, -18.3440,
24.0880)

Have a look what the booklet for
YIQ(193.6000, -18.3440, 24.0880)
contains.

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Color

**YIQ(193.6000, -18.3440,
24.0880)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB7FF
RGB	191, 183, 255
RGB Percent	75%, 72%, 100%
CMY	0.2509, 0.2824, 0.0001
CMYK	0.25, 0.28, 0.00, 0.00
HSL	247°, 100%, 86%
HSV	247°, 28%, 100%
XYZ	56.4675, 52.1620, 101.6722
YIQ	193.6000, -18.3440, 24.0880

Conversions

Conversions Part 2

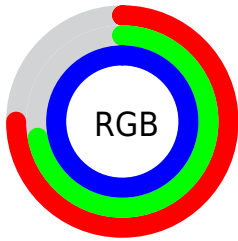
Format	Color
R_{YB}	191, 183, 255
Decimal	12564479
CIE _{Lab}	77.38, 17.84, -34.49
CIE _{LCh}	77, 38.829, 297.352
Yxy	52.1620, 0.2685, 0.2480
Android (android.graphics.Color)	4290754559 (0xFFBFB7FF)
YUV	193.6000, 30.2702, -2.2802
Hunter-Lab	72.2233, 13.1688, -32.9091

Details

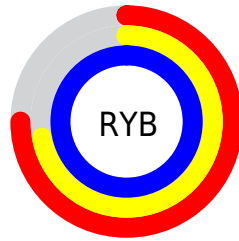
The YIQ color $193.6000, -18.3440, 24.0880$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $244.4000, 18.3440, -24.0880$, and the grayscale version is $193.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $243.5150, 0.2280, 6.8840$, and $139.5460, -18.2520, 22.4200$ is the 20% darker color. If you saturate the color by 10%, you get $172.0480, -25.1770, 32.2870$, and if you desaturate by 10%, it is $215.1520, -11.5110, 15.8890$.

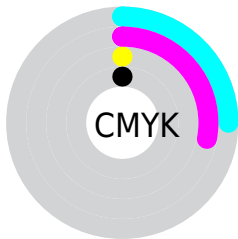
Distribution



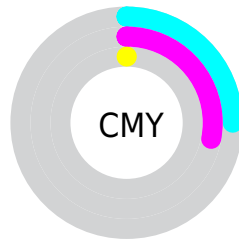
- Red (75%)
- Green (72%)
- Blue (100%)



- Red (75%)
- Yellow (72%)
- Blue (100%)



- Cyan (25%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.6000, -18.3440, 24.0880 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 193.6000, -18.3440, 24.0880 by changing the saturation by 10% instead.

■ 193.6000,
-18.3440, 24.0880

■ 193.6000,
-18.3440, 24.0880

■ 255.0000, -0.0000,
-0.0000

■ 166.0730,
-18.2980, 23.2540

■ 243.5150, 0.2280,
6.8840

■ 139.5460,
-18.2520, 22.4200

■ 113.9050,
-17.8850, 21.2750

■ 89.0790, -18.4350,
20.2290

■ 64.8400, -19.2600,
18.6600

■ 41.3020, -20.6810,
16.8790

■ 18.1440, -26.2280,

12.7800

■ 5.2440, -14.7660,
14.3060

■ 3.3230, -7.9790,
6.9410

■ 193.6000,
-18.3440, 24.0880

■ 193.6000,
-18.3440, 24.0880

■ 172.0480,
-25.1770, 32.2870

■ 215.1520,
-11.5110, 15.8890

■ 150.2080,
-31.1390, 41.2210

■ 236.9920, -5.5490,
6.9550

■ 128.6560,
-37.9720, 49.4200

255.0000, -0.0000,
-0.0000

■ 106.5170,
-44.5300, 58.1420

■ 85.2640, -50.7670,
66.5530

■ 63.1250, -57.3250,
75.2750

■ 41.5730, -64.1580,
83.4740

■ 37.4420, -65.1670,
85.2410

Harmonies

Analogous

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



184.4870, -55.2950, 5.4170



193.6000, -18.3440, 24.0880



196.5630, 18.6090, 31.7050

Triad

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



193.6000, -18.3440, 24.0880



191.3270, 56.1190, 1.6790



172.3950, -62.3490, -31.9570

Complementary

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



193.6000, -18.3440, 24.0880



244.4000, 18.3440, -24.0880

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.



180.2840, -22.5520, -31.8320



193.6000, -18.3440, 24.0880



189.1040, 40.0290, -15.0990

Square

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



193.6000, -18.3440, 24.0880



191.9270, 54.9700, 17.0020



185.2960, 12.7050, -26.5190



165.1370, -96.5530, -28.8170

Rectangle

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



193.6000, -18.3440, 24.0880



195.9150, 38.0490, 31.8170



185.2960, 12.7050, -26.5190



175.6970, -48.6400, -32.6080

Sweetspot

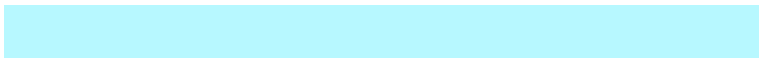
The Sweet Spot groups the original color and five complimentary colors.



193.6000, -18.3440, 24.0880



237.8780, -5.2280, 6.6440



229.3630, -40.9870, -11.6030



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.



193.6000, -18.3440, 24.0880



180.9080, -21.9670, 29.1770



204.0650, 2.5160, 31.5080



116.7810, -3.5770, 4.2550



28.0530, -48.7950, 63.8530



9.3890, -16.3720, 21.3880

Inverse Universe

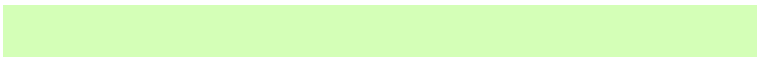
The Inverse Universe completely reimagines the original color for something new.



211.8240, 22.3680, 35.1680



202.7910, 27.1350, 42.3910



233.9350, -2.5160, -31.5080



120.1410, 4.2170, 6.1770



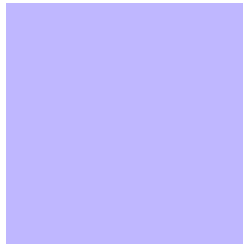
76.4890, 59.2660, 93.3620



25.6340, 19.8470, 31.2950

Previews

White Background



This preview shows how the YIQ color 193.6000, -18.3440, 24.0880 looks on a white background.

Color Contrast Check

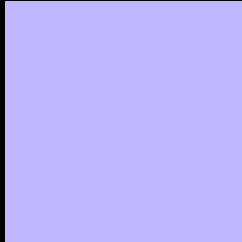
Large Text (above 18pt) WCAG AA × Fail

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 193.6000, -18.3440, 24.0880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

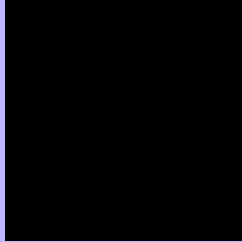
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.6000, -18.3440, 24.0880

Background



This preview shows how black text looks on a background with the YIQ color 193.6000, -18.3440, 24.0880.

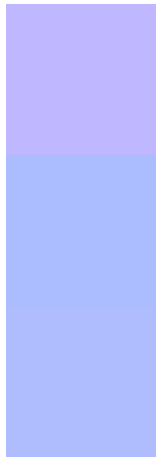


This preview shows how white text looks on a background with the YIQ color 193.6000, -18.3440,

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

193.6000, -18.3440, 24.0880

Protanopia

191.4410, -31.3180, 16.9220

Deuteranopia

191.6370, -28.9340, 17.7700



Tritanopia

190.7200, -10.7750, 2.5450

Trichromacy



Original Color

193.6000, -18.3440, 24.0880

Protanomaly

192.3600, -26.5960, 19.4520

Deuteranomaly

192.2570, -24.8080, 20.0880

Tritanomaly

191.7940, -13.6190, 10.0370

Monochromacy



Original Color

193.6000, -18.3440, 24.0880

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

193.8610, -6.5580, 8.7220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.6000, -18.3440, 24.0880 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(191, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 183, 255)  
}
```

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(191, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 183, 255) }
```

Border

The CSS property to change the border of an element to YIQ 193.6000, -18.3440, 24.0880 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(191, 183, 255) }
```


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

```
.border{ border-color:rgb(191, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 183,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 193.6000, -18.3440, 24.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 183, 255) }
```

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

```
.background{ background-color: rgb(191,  
183, 255) }
```

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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