

Converting Colors

YIQ(193.0020, -19.5360,
23.6640)

Have a look what the booklet for
YIQ(193.0020, -19.5360, 23.6640)
contains.

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Color

**YIQ(193.0020, -19.5360,
23.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	BDB7FF
RGB	189, 183, 255
RGB Percent	74%, 72%, 100%
CMY	0.2588, 0.2823, 0.0001
CMYK	0.26, 0.28, 0.00, 0.00
HSL	245°, 100%, 86%
HSV	245°, 28%, 100%
XYZ	55.9675, 51.9046, 101.6478
YIQ	193.0020, -19.5360, 23.6640

Conversions

Conversions Part 2

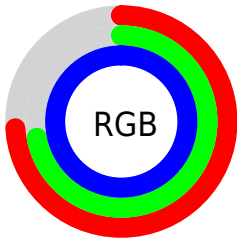
Format	Color
R _Y B	189, 183, 255
Decimal	12433407
CIE Lab	77.22, 17.26, -34.74
CIE LCh	77, 38.789, 296.420
Yxy	51.9046, 0.2671, 0.2477
Android (android.graphics.Color)	4290623487 (0xFFBDB7FF)
YUV	193.0020, 30.5650, -3.5098
Hunter-Lab	72.0448, 12.5881, -33.2207

Details

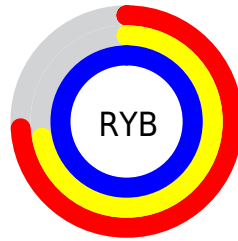
The YIQ color $193.0020, -19.5360, 23.6640$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $244.9980, 19.5360, -23.6640$, and the grayscale version is $193.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $242.9170, -0.9640, 6.4600$, and $138.9480, -19.4440, 21.9960$ is the 20% darker color. If you saturate the color by 10%, you get $171.4500, -26.3690, 31.8630$, and if you desaturate by 10%, it is $214.5540, -12.7030, 15.4650$.

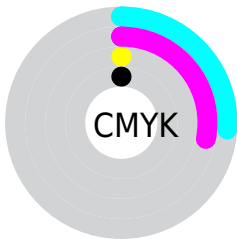
Distribution



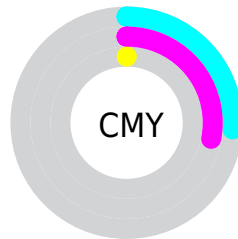
- Red (74%)
- Green (72%)
- Blue (100%)



- Red (74%)
- Yellow (72%)
- Blue (100%)



- Cyan (26%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.0020, -19.5360, 23.6640 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 193.0020, -19.5360, 23.6640 by changing the saturation by 10% instead.

■ 193.0020,
-19.5360, 23.6640

■ 193.0020,
-19.5360, 23.6640

■ 255.0000, -0.0000,
-0.0000

■ 165.4750,
-19.4900, 22.8300

■ 242.9170, -0.9640,
6.4600

■ 138.9480,
-19.4440, 21.9960

■ 113.3070,
-19.0770, 20.8510

■ 88.4810, -19.6270,
19.8050

■ 64.2420, -20.4520,
18.2360

■ 40.7040, -21.8730,
16.4550

■ 17.8450, -26.8240,

12.5680

■ 5.2440, -14.7660,
14.3060

■ 3.3230, -7.9790,
6.9410

■ 193.0020,
-19.5360, 23.6640

■ 193.0020,
-19.5360, 23.6640

■ 171.4500,
-26.3690, 31.8630

■ 214.5540,
-12.7030, 15.4650

■ 149.0120,
-33.5230, 40.3730

■ 236.9920, -5.5490,
6.9550

■ 127.4600,
-40.3560, 48.5720

255.0000, -0.0000,
-0.0000

■ 105.3210,
-46.9140, 57.2940

■ 83.4700, -54.3430,
65.2810

■ 61.3310, -60.9010,
74.0030

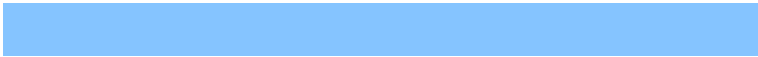
■ 39.4800, -68.3300,
81.9900

■ 35.3490, -69.3390,
83.7570

Harmonies

Analogous

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



183.8890, -56.4870, 4.9930



193.0020, -19.5360, 23.6640



196.0790, 17.0960, 31.5920

Triad

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



193.0020, -19.5360, 23.6640



191.6260, 56.7150, 1.8910



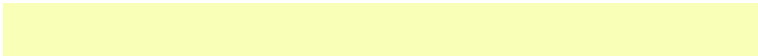
172.4660, -61.1110, -32.3670

Complementary

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



193.0020, -19.5360, 23.6640



244.9980, 19.5360, -23.6640

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.



179.8820, -21.3600, -31.4080



193.0020, -19.5360, 23.6640



188.8160, 40.9000, -14.3640

Square

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



193.0020, -19.5360, 23.6640



191.4540, 54.9240, 17.8360



184.8940, 13.8970, -26.0950



164.9090, -95.9110, -29.4390

Rectangle

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



193.0020, -19.5360, 23.6640



195.7300, 37.1320, 31.9160



184.8940, 13.8970, -26.0950



175.2950, -47.4480, -32.1840

Sweetspot

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



193.0020, -19.5360, 23.6640



237.5790, -5.8240, 6.4320



229.9500, -41.2620, -12.1260



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.



193.0020, -19.5360, 23.6640



180.3100, -23.1590, 28.7530



203.7660, 1.9200, 31.2960



116.7810, -3.5770, 4.2550



26.5580, -51.7750, 62.7930



8.7910, -17.5640, 20.9640

Inverse Universe

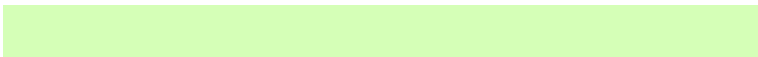
The Inverse Universe completely reimagines the original color for something new.



212.0520, 21.7260, 35.7900



203.1330, 26.1720, 43.3240



234.2340, -1.9200, -31.2960



120.1410, 4.2170, 6.1770



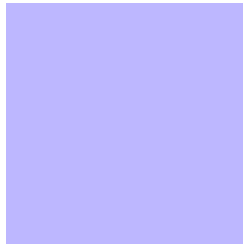
77.0590, 57.6610, 94.9170



25.7480, 19.5260, 31.6060

Previews

White Background



This preview shows how the YIQ color 193.0020, -19.5360, 23.6640 looks on a white background.

Color Contrast Check

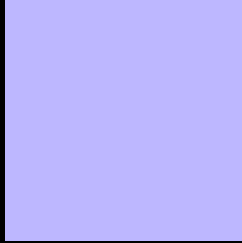
Large Text (above 18pt) WCAG AA × Fail

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 193.0020, -19.5360, 23.6640 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 193.0020, -19.5360, 23.6640

Background



This preview shows how black text looks on a background with the YIQ color 193.0020, -19.5360, 23.6640.



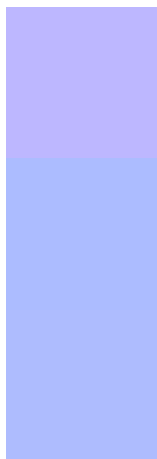
This preview shows how white text looks on a background with the YIQ color 193.0020, -19.5360,

23.6640.

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

193.0020, -19.5360, 23.6640

Protanopia

190.8540, -31.0430, 17.4450

Deuteranopia

191.3380, -29.5300, 17.5580



Tritanopia

190.1220, -11.9670, 2.1210

Trichromacy



Original Color

193.0020, -19.5360, 23.6640

Protanomaly

191.4740, -26.9170, 19.7630

Deuteranomaly

191.6590, -26.0000, 19.6640

Tritanomaly

191.1960, -14.8110, 9.6130

Monochromacy



Original Color

193.0020, -19.5360, 23.6640

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

192.9750, -6.8790, 9.0330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.0020, -19.5360, 23.6640 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(189, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 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(189, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 183, 255) }
```

Border

The CSS property to change the border of an element to YIQ 193.0020, -19.5360, 23.6640 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(189, 183, 255) }
```


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

```
.border{ border-color:rgb(189, 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(189, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 183,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 193.0020, -19.5360, 23.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 183, 255) }
```

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

```
.background{ background-color: rgb(189,  
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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