

Converting Colors

YIQ(193.1610, -15.7300,
20.7660)

Have a look what the booklet for
YIQ(193.1610, -15.7300, 20.7660)
contains.

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Color

**YIQ(193.1610, -15.7300,
20.7660)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB8F6
RGB	191, 184, 246
RGB Percent	75%, 72%, 96%
CMY	0.2509, 0.2784, 0.0354
CMYK	0.22, 0.25, 0.00, 0.04
HSL	247°, 77%, 84%
HSV	247°, 25%, 96%
XYZ	55.2595, 52.0101, 94.2926
YIQ	193.1610, -15.7300, 20.7660

Conversions

Conversions Part 2

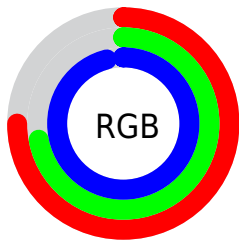
Format	Color
RYB	191, 184, 246
Decimal	12564726
CIELab	77.29, 15.21, -29.80
CIELCh	77, 33.454, 297.047
Yxy	52.0101, 0.2742, 0.2580
Android (android.graphics.Color)	4290754806 (0xFFBFB8F6)
YUV	193.1610, 26.0496, -1.8952
Hunter-Lab	72.1180, 10.5668, -27.0376

Details

The YIQ color $193.1610, -15.7300, 20.7660$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $236.8390, 15.7300, -20.7660$, and the grayscale version is $193.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $244.1020, -0.0470, 6.3610$, and $139.4060, -15.0420, 19.3100$ is the 20% darker color. If you saturate the color by 10%, you get $171.9080, -21.9670, 29.1770$, and if you desaturate by 10%, it is $214.4140, -9.4930, 12.3550$.

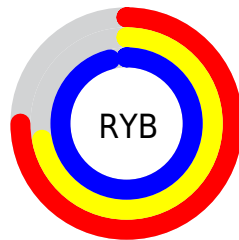
Distribution



Red (75%)

Green (72%)

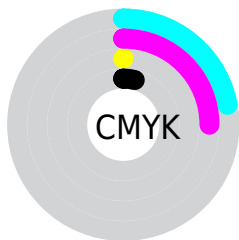
Blue (96%)



Red (75%)

Yellow (72%)

Blue (96%)

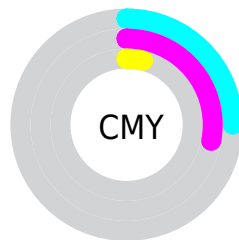


Cyan (22%)

Magenta (25%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (28%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.1610, -15.7300, 20.7660 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 193.1610, -15.7300, 20.7660 by changing the saturation by 10% instead.

■ 193.1610,
-15.7300, 20.7660

■ 193.1610,
-15.7300, 20.7660

■ 255.0000, -0.0000,
-0.0000

■ 165.6340,
-15.6840, 19.9320

■ 244.1020, -0.0470,
6.3610

■ 139.4060,
-15.0420, 19.3100

■ 113.5800,
-15.5920, 18.2640

■ 89.0530, -15.5460,
17.4300

■ 65.1130, -15.7750,
16.0730

■ 41.9880, -16.9210,
14.8150

■ 19.4390, -19.8090,

12.0870

■ 4.5600, -12.8400,
12.4400

■ 2.5250, -5.7320,
4.7640

■ 193.1610,
-15.7300, 20.7660

■ 193.1610,
-15.7300, 20.7660

■ 171.9080,
-21.9670, 29.1770

■ 214.4140, -9.4930,
12.3550

■ 151.2420,
-28.4790, 37.0650

■ 235.0800, -2.9810,
4.4670

■ 130.2880,
-34.1200, 45.6880

■ 253.9740, 2.8890,
-2.7990

■ 109.6220,
-40.6320, 53.5760

■ 88.3690, -46.8690,
61.9870

■ 67.1160, -53.1060,
70.3980

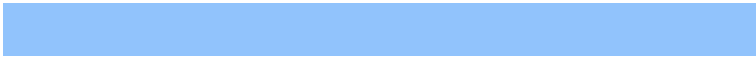
■ 46.4500, -59.6180,
78.2860

■ 36.4160, -62.2780,
82.4420

Harmonies

Analogous

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



186.5480, -48.0970, 7.1270



193.1610, -15.7300, 20.7660



195.9600, 15.8130, 27.3090

Triad

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



193.1610, -15.7300, 20.7660



191.6190, 49.4250, 1.8490



176.9020, -50.4750, -26.8830

Complementary

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



193.1610, -15.7300, 20.7660



236.8390, 15.7300, -20.7660

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.



181.4850, -18.5640, -27.0120



193.1610, -15.7300, 20.7660



189.3470, 35.0310, -12.6250

Square

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



193.1610, -15.7300, 20.7660



193.8340, 50.7980, 15.5180



186.3330, 11.2830, -22.7730



173.2710, -73.2630, -21.3830

Rectangle

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



193.1610, -15.7300, 20.7660



195.6430, 32.8230, 27.4070



186.3330, 11.2830, -22.7730



178.3500, -40.1130, -27.4490

Sweetspot

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



193.1610, -15.7300, 20.7660



237.8780, -5.2280, 6.6440



223.9400, -35.3020, -10.0060



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.



193.1610, -15.7300, 20.7660



190.0560, -19.6280, 25.3320



202.1310, 2.1500, 27.1260



111.9660, -2.6600, 4.1560



27.4830, -47.1900, 62.2980



8.8190, -14.7670, 19.8330

Inverse Universe

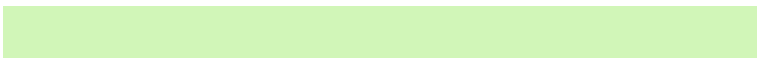
The Inverse Universe completely reimagines the original color for something new.



208.8080, 19.2970, 30.2490



209.3620, 23.7890, 36.9490



227.8690, -2.1500, -27.1260



114.8420, 3.6210, 5.9650



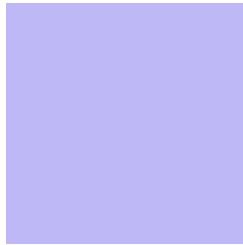
74.4240, 57.8910, 90.7470



23.5690, 18.4720, 28.6800

Previews

White Background



This preview shows how the YIQ color 193.1610, -15.7300, 20.7660 looks on a white background.

Color Contrast Check

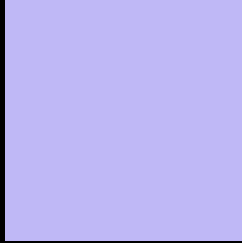
Large Text (above 18pt) WCAG AA × Fail

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 193.1610, -15.7300, 20.7660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

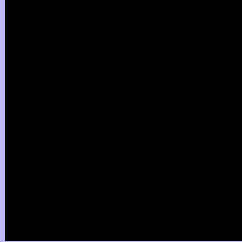
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.1610, -15.7300, 20.7660

Background



This preview shows how black text looks on a background with the YIQ color 193.1610, -15.7300, 20.7660.

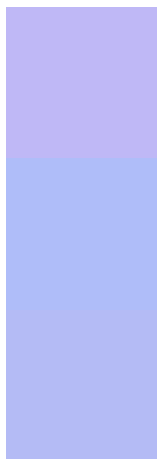


This preview shows how white text looks on a background with the YIQ color 193.1610, -15.7300, 20.7660.

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

193.1610, -15.7300, 20.7660

Protanopia

191.6540, -27.6040, 15.6920

Deuteranopia

191.5190, -22.7900, 16.5540



Tritanopia

190.6170, -8.9870, 3.1810

Trichromacy



Original Color

193.1610, -15.7300, 20.7660

Protanomaly

192.1600, -23.1570, 17.6990

Deuteranomaly

192.1280, -20.1310, 17.9250

Tritanomaly

191.4630, -11.1890, 10.0510

Monochromacy



Original Color

193.1610, -15.7300, 20.7660

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

193.1060, -5.8700, 7.2660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.1610, -15.7300, 20.7660 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, 184, 246)` looks like.

```
.text, #text, p{  
    color:rgb(191, 184, 246)  
}
```

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, 184, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 184, 246) }
```

Border

The CSS property to change the border of an element to YIQ 193.1610, -15.7300, 20.7660 is called "border". The border property can be set on classes, ids or directly on the HTML element.

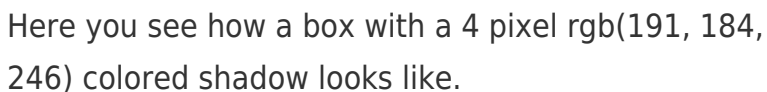
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 184, 246) }
```


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

```
.border{ border-color:rgb(191, 184, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 184, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 184, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 184, 246); box-shadow:4px 4px 4px 4px rgb(191, 184, 246) }
```

Background

The CSS property to change the background color of an element to YIQ 193.1610, -15.7300, 20.7660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 184, 246) }
```

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

```
.background{ background-color: rgb(191,  
184, 246) }
```

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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