

Converting Colors

YIQ(103.1480, -101.9720,
19.8520)

Have a look what the booklet for
YIQ(103.1480, -101.9720, 19.8520)
contains.

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Color

**YIQ(103.1480, -101.9720,
19.8520)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 1276FA |
| RGB | 18, 118, 250 |
| RGB Percent | 7%, 46%, 98% |
| CMY | 0.9294, 0.5371, 0.0201 |
| CMYK | 0.93, 0.53, 0.00, 0.02 |
| HSL | 214°, 96%, 53% |
| HSV | 214°, 93%, 98% |
| XYZ | 23.9672, 19.9891, 92.9313 |
| YIQ | 103.1480, -101.9720, 19.8520 |

Conversions

Conversions Part 2

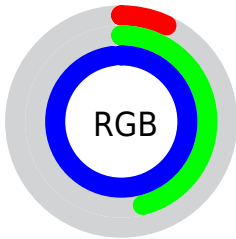
| Format | Color |
|-------------------------------------|--------------------------------|
| RYP | 18, 88, 250 |
| Decimal | 1210106 |
| CIELab | 51.82, 23.54, -72.77 |
| CIElCh | 52, 76.485, 287.922 |
| Yxy | 19.9891, 0.1751, 0.1460 |
| Android (android.graphics.Color) | 4279400186 (0xFF1276FA) |
| YUV | 103.1480, 72.3980, -74.6748 |
| Hunter-Lab | 44.7092, 17.4473, -91.9423 |

Details

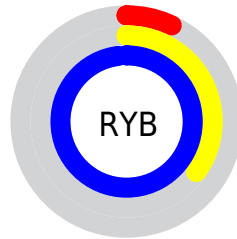
The YIQ color **103.1480, -101.9720, 19.8520** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **164.8520, 101.9720, -19.8520**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.6580, -59.7900, 15.2980**, and **63.5650, -81.1570, 22.5790** is the 20% darker color. If you saturate the color by 10%, you get **91.8960, -109.9500, 21.2660**, and if you desaturate by 10%, it is **118.8410, -90.9220, 17.8300**.

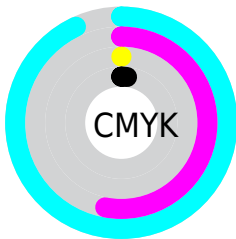
Distribution



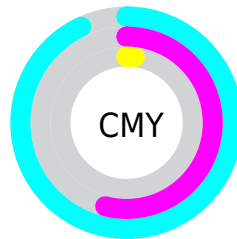
- Red (7%)
- Green (46%)
- Blue (98%)



- Red (7%)
- Yellow (35%)
- Blue (98%)



- Cyan (93%)
- Magenta (53%)
- Yellow (0%)
- Black (2%)



- Cyan (93%)
- Magenta (54%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.1480, -101.9720, 19.8520 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 103.1480, -101.9720, 19.8520 by changing the saturation by 10% instead.

■ 103.1480,
-101.9720, 19.8520

■ 103.1480,
-101.9720, 19.8520

■ 255.0000, -0.0000,
-0.0000

■ 80.3720, -96.7910,
19.5690

■ 162.6580,
-59.7900, 15.2980

■ 63.5650, -81.1570,
22.5790

■ 188.3740,
-47.5470, 8.1730

■ 48.0460, -66.3940,
24.8540

■ 214.6770,
-35.5790, 0.5250

■ 34.4020, -52.7770,
25.8710

■ 240.9690,
-25.0780, -8.0700

■ 17.9370, -38.1060,
29.8140

■ 251.7110, -6.5560,
-2.3320

■ 16.8480, -30.9060,
20.4700

■ 10.4760, -21.2310,

15.8330

■ 6.2070, -13.3440,
10.5600

■ 2.4110, -5.4110,
4.4530

■ 103.1480,
-101.9720, 19.8520

■ 103.1480,
-101.9720, 19.8520

■ 91.8960,
-109.9500, 21.2660

■ 118.8410,
-90.9220, 17.8300

■ 134.5340,
-79.8720, 15.8080

■ 150.8140,
-69.0970, 13.2630

■ 166.5070,
-58.0470, 11.2410

■ 182.2000,
-46.9970, 9.2190

■ 197.8930,
-35.9470, 7.1970

■ 213.5860,
-24.8970, 5.1750

■ 229.8660,
-14.1220, 2.6300

■ 245.5590, -3.0720,
0.6080

Harmonies

Analogous

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



110.4350, -119.4380, 5.9860



103.1480, -101.9720, 19.8520



125.2030, 11.9560, 58.6760

Triad

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



103.1480, -101.9720, 19.8520



113.0520, 99.6740, 10.7940



98.7660, -71.4240, -49.2160

Complementary

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



103.1480, -101.9720, 19.8520



164.8520, 101.9720, -19.8520

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.



86.4660, -45.0570, -70.0250



103.1480, -101.9720, 19.8520



116.5850, 71.9870, -21.5890

Square

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



103.1480, -101.9720, 19.8520



104.0760, 101.4080, 56.4800



111.2710, 31.0480, -45.0800



107.6920, -93.8020, -29.1140

Rectangle

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



103.1480, -101.9720, 19.8520



116.3950, 55.6940, 69.9820



111.2710, 31.0480, -45.0800



95.5570, -63.7660, -55.8460

Sweetspot

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



103.1480, -101.9720, 19.8520



209.7040, -31.0410, 6.3910



169.1180, -105.8510, -80.5950



100.1690, -19.3490, 3.7470



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.



103.1480, -101.9720, 19.8520



93.6400, -112.1050, 21.7750



48.9330, -65.5320, 75.3320



117.0040, -5.8230, 0.9050



69.0930, -82.9440, 16.4160



22.2160, -26.7310, 5.3730

Inverse Universe

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



98.7680, 106.1720, 80.2840



88.7850, 116.6700, 88.2700



218.7680, 64.9360, -75.5440



116.5710, 5.8220, 4.6220



65.7450, 86.6430, 65.2590



21.2030, 28.0100, 21.0180

Previews

White Background



This preview shows how the YIQ color 103.1480, -101.9720, 19.8520 looks on a white background.

Color Contrast Check

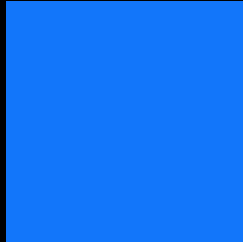
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.1480, -101.9720, 19.8520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

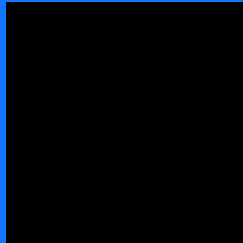
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

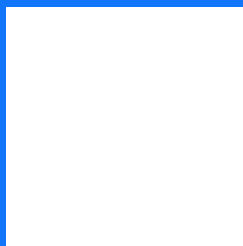
Any Text WCAG AAA × Fail

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

YIQ 103.1480, -101.9720, 19.8520 Background



This preview shows how black text looks on a background with the YIQ color 103.1480, -101.9720, 19.8520.



This preview shows how white text looks on a background with the YIQ color 103.1480, -101.9720, 19.8520.

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

103.1480, -101.9720, 19.8520

Protanopia

103.4470, -101.3760, 20.0640

Deuteranopia

98.7000, -104.3070, 1.5890

Trichromacy



Original Color

103.1480, -101.9720, 19.8520

Protanomaly

103.4470, -101.3760, 20.0640

Deuteranomaly

100.4000, -103.1620, 8.3740

Monochromacy



Original Color

103.1480, -101.9720, 19.8520

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

102.7080, -36.8640, 7.2960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.1480, -101.9720, 19.8520 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(18, 118, 250)` looks like.

```
.text, #text, p{  
    color:rgb(18, 118, 250)  
}
```

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(18, 118, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 118, 250) }
```

Border

The CSS property to change the border of an element to YIQ 103.1480, -101.9720, 19.8520 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(18, 118, 250) }
```

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

```
.border{ border-color:rgb(18, 118, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 118, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 118, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 118, 250);  
box-shadow:4px 4px 4px 4px rgb(18, 118,  
250) }
```


Background

The CSS property to change the background color of an element to YIQ 103.1480, -101.9720, 19.8520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 118, 250) }
```

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

```
.background{ background-color: rgb(18, 118,  
250) }
```

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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