

Converting Colors

YIQ(95.9880, -113.2050,
19.6830)

Have a look what the booklet for
YIQ(95.9880, -113.2050, 19.6830)
contains.

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Color

**YIQ(95.9880, -113.2050,
19.6830)**

Conversions

Conversions Part 1

Format	Color
Hex	0072FF
RGB	0, 114, 255
RGB Percent	0%, 45%, 100%
CMY	0.9997, 0.5528, 0.0006
CMYK	1.00, 0.55, 0.00, 0.00
HSL	213°, 100%, 50%
HSV	213°, 100%, 100%
XYZ	24.0498, 19.2564, 96.9369
YIQ	95.9880, -113.2050, 19.6830

Conversions

Conversions Part 2

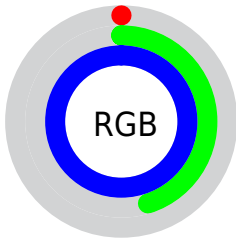
Format	Color
R _Y B	0, 79, 255
Decimal	29439
CIE Lab	50.99, 27.52, -76.91
CIE LCh	51, 81.682, 289.686
Yxy	19.2564, 0.1715, 0.1373
Android (android.graphics.Color)	4278219519 (0xFF0072FF)
YUV	95.9880, 78.3929, -84.1815
Hunter-Lab	43.8821, 21.0344, -100.2560

Details

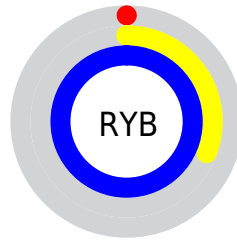
The YIQ color **95.9880, -113.2050, 19.6830** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **159.0120, 113.2050, -19.6830**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **159.7120, -59.8820, 16.9660**, and **62.3740, -81.9370, 25.7030** is the 20% darker color. If you saturate the color by 10%, you get **95.9880, -113.2050, 19.6830**, and if you desaturate by 10%, it is **111.9800, -101.5590, 17.8730**.

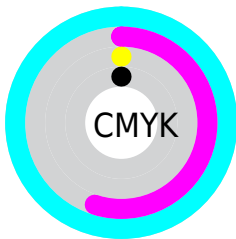
Distribution



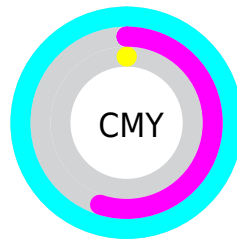
- Red (0%)
- Green (45%)
- Blue (100%)



- Red (0%)
- Yellow (31%)
- Blue (100%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.9880, -113.2050, 19.6830 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 95.9880, -113.2050, 19.6830 by changing the saturation by 10% instead.

■ 95.9880,
-113.2050, 19.6830

■ 95.9880,
-113.2050, 19.6830

■ 255.0000, -0.0000,
-0.0000

■ 78.5940, -97.2960,
23.2160

■ 159.7120,
-59.8820, 16.9660

■ 62.3740, -81.9370,
25.7030

■ 185.7270,
-47.0430, 10.0530

■ 46.8550, -67.1740,
27.9780

■ 212.0300,
-35.0750, 2.4050

■ 33.2110, -53.5570,
28.9950

■ 238.0340,
-23.7030, -5.4550

■ 15.4580, -38.0150,
33.6730

■ 251.7110, -6.5560,
-2.3320

■ 17.8910, -32.4650,
21.1910

■ 11.5190, -22.7900,

16.5540

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 95.9880,
-113.2050, 19.6830

■ 111.9800,
-101.5590, 17.8730

■ 127.6730,
-90.5090, 15.8510

■ 143.6650,
-78.8630, 14.0410

■ 159.3580,
-67.8130, 12.0190

■ 175.3500,
-56.1670, 10.2090

■ 191.6300,
-45.3920, 7.6640

■ 207.3230,
-34.3420, 5.6420

■ 223.3150,
-22.6960, 3.8320

■ 239.0080,
-11.6460, 1.8100

Harmonies

Analogous

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



109.4890, -119.5300, 7.6540



95.9880, -113.2050, 19.6830



121.5290, 17.0900, 64.7540

Triad

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



95.9880, -113.2050, 19.6830



107.4240, 107.1940, 6.6660



98.1790, -71.1490, -48.6930

Complementary

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



95.9880, -113.2050, 19.6830



159.0120, 113.2050, -19.6830

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.



84.8700, -40.5630, -74.3790



95.9880, -113.2050, 19.6830



114.8020, 69.8780, -21.9140

Square

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



95.9880, -113.2050, 19.6830



89.3860, 112.6390, 67.7030



108.5800, 25.6840, -46.9880



107.6750, -95.1320, -27.0360

Rectangle

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



95.9880, -113.2050, 19.6830



106.3950, 64.8620, 80.0460



108.5800, 25.6840, -46.9880



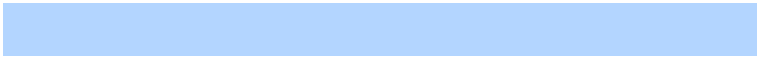
94.7420, -62.8490, -55.9450

Sweetspot

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



95.9880, -113.2050, 19.6830



207.6220, -33.7460, 5.8540



165.6450, -115.0650, -89.8250



98.9840, -20.2660, 3.8460



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.



95.9880, -113.2050, 19.6830



32.9570, -74.1070, 82.0610



119.4170, -5.5480, 1.4280



72.2560, -84.9610, 14.4230



24.3190, -28.5190, 4.7370

Inverse Universe

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



89.2410, 115.3860, 89.5140



222.0430, 74.1070, -82.0610



119.4570, 6.1430, 4.3110



66.9130, 86.2300, 67.2380



22.4420, 28.8350, 22.5870

Previews

White Background



This preview shows how the YIQ color 95.9880, -113.2050, 19.6830 looks on a white background.

Color Contrast Check

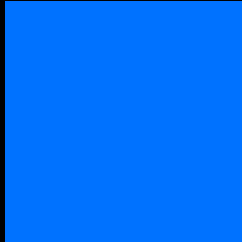
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.9880, -113.2050, 19.6830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

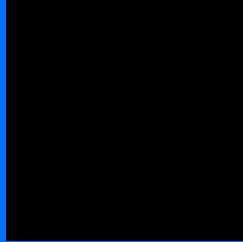
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

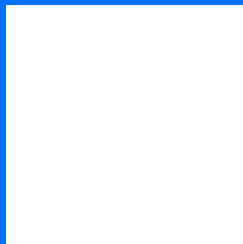
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 95.9880, -113.2050, 19.6830

Background



This preview shows how black text looks on a background with the YIQ color 95.9880, -113.2050, 19.6830.



This preview shows how white text looks on a background with the YIQ color 95.9880, -113.2050,

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

95.9880, -113.2050, 19.6830

Protanopia

96.2500, -111.1870, 16.1490

Deuteranopia

97.0700, -102.4730, 1.3910



Tritanopia

94.8460, -82.4320, -25.9200

Trichromacy



Original Color

95.9880, -113.2050, 19.6830

Protanomaly

96.0050, -111.8750, 17.6050

Deuteranomaly

96.4320, -106.1880, 8.1480

Tritanomaly

95.4110, -93.6680, -9.5080

Monochromacy



Original Color

95.9880, -113.2050, 19.6830

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

96.2560, -41.4030, 6.9570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.9880, -113.2050, 19.6830 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(0, 114, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 114, 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(0, 114, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 114, 255) }
```

Border

The CSS property to change the border of an element to YIQ 95.9880, -113.2050, 19.6830 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(0, 114, 255) }
```

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

```
.border{ border-color:rgb(0, 114, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 114, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 114, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 114, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 114,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 95.9880, -113.2050, 19.6830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 114, 255) }
```

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

```
.background{ background-color: rgb(0, 114,  
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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