

Converting Colors

YIQ(92.7280, -109.5370,
19.2870)

Have a look what the booklet for
YIQ(92.7280, -109.5370, 19.2870)
contains.

YIQ(92.7280, -109.5370, 19.2870)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(92.7280, -109.5370,
19.2870)**

Conversions

Conversions Part 1

Format	Color
Hex	006EF7
RGB	0, 110, 247
RGB Percent	0%, 43%, 97%
CMY	0.9997, 0.5684, 0.0319
CMYK	1.00, 0.55, 0.00, 0.03
HSL	213°, 100%, 48%
HSV	213°, 100%, 97%
XYZ	22.3482, 17.8688, 90.1553
YIQ	92.7280, -109.5370, 19.2870

Conversions

Conversions Part 2

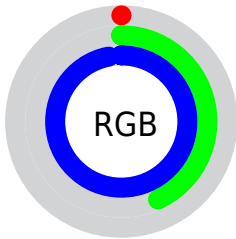
Format	Color
R _{YB}	0, 76, 247
Decimal	28407
CIE _{Lab}	49.34, 26.98, -75.16
CIE _{LCh}	49, 79.853, 289.749
Yxy	17.8688, 0.1714, 0.1371
Android (android.graphics.Color)	4278218487 (0xFF006EF7)
YUV	92.7280, 76.0561, -81.3225
Hunter-Lab	42.2715, 20.3945, -96.8617

Details

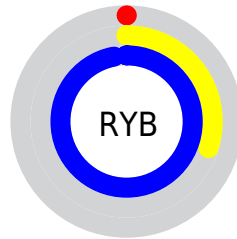
The YIQ color **92.7280, -109.5370, 19.2870** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **154.2720, 109.5370, -19.2870**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **156.7660, -59.9740, 18.6340**, and **59.1140, -78.2690, 25.3070** is the 20% darker color. If you saturate the color by 10%, you get **92.7280, -109.5370, 19.2870**, and if you desaturate by 10%, it is **108.4210, -98.4870, 17.2650**.

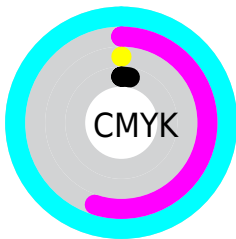
Distribution



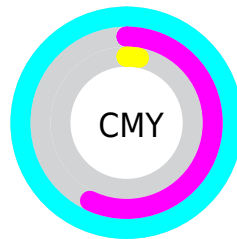
- Red (0%)
- Green (43%)
- Blue (97%)



- Red (0%)
- Yellow (30%)
- Blue (97%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (57%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.7280, -109.5370, 19.2870 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 92.7280, -109.5370, 19.2870 by changing the saturation by 10% instead.

■ 92.7280,
-109.5370, 19.2870

■ 92.7280,
-109.5370, 19.2870

■ 255.0000, -0.0000,
-0.0000

■ 75.3340, -93.6280,
22.8200

■ 156.7660,
-59.9740, 18.6340

■ 59.1140, -78.2690,
25.3070

■ 182.7810,
-47.1350, 11.7210

■ 44.2960, -64.1020,
27.3700

■ 208.4970,
-34.8920, 4.5960

■ 30.6520, -50.4850,
28.3870

■ 234.2020,
-24.1160, -3.4760

■ 12.8990, -34.9430,
33.0650

■ 250.8140, -8.3440,
-2.9680

■ 15.9190, -29.6680,
20.0600

■ 10.2480, -20.5890,

15.2110

■ 5.2780, -12.1060,
10.1500

■ 1.3680, -3.8520,
3.7320

■ 92.7280,
-109.5370, 19.2870

■ 108.4210,
-98.4870, 17.2650

■ 123.2280,
-87.7580, 15.5540

■ 138.9210,
-76.7080, 13.5320

■ 154.6140,
-65.6580, 11.5100

■ 169.7200,
-54.3330, 10.0110

■ 185.1140,
-43.8790, 7.7770

■ 200.8070,
-32.8290, 5.7550

■ 216.5000,
-21.7790, 3.7330

■ 231.3070,
-11.0500, 2.0220

Harmonies

Analogous

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



106.7990, -117.4670, 8.8130



92.7280, -109.5370, 19.2870



117.4750, 17.1820, 63.0860

Triad

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



92.7280, -109.5370, 19.2870



103.8690, 104.4430, 6.9630



94.9020, -68.8110, -47.0110

Complementary

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



92.7280, -109.5370, 19.2870



154.2720, 109.5370, -19.2870

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.



81.9350, -39.1880, -71.7640



92.7280, -109.5370, 19.2870



110.6600, 67.4020, -21.0940

Square

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



92.7280, -109.5370, 19.2870



85.3640, 109.7050, 65.8090



104.4490, 24.6750, -45.2210



104.1700, -92.1520, -25.9760

Rectangle

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



92.7280, -109.5370, 19.2870



102.5580, 62.8450, 78.0530



104.4490, 24.6750, -45.2210



91.5790, -60.8320, -53.9520

Sweetspot

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



92.7280, -109.5370, 19.2870



207.6220, -33.7460, 5.8540



160.4930, -111.5810, -86.8850



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.



92.7280, -109.5370, 19.2870



95.9880, -113.2050, 19.6830



31.7460, -72.1350, 79.3610



114.8900, -5.5020, 0.5940



69.9250, -82.5310, 14.4370



21.9880, -26.0890, 4.7510

Inverse Universe

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



86.3930, 111.9020, 86.5740



89.2410, 115.3860, 89.5140



215.2540, 72.1350, -79.3610



114.2720, 5.2260, 4.4100



65.0760, 84.2130, 65.2450



20.6050, 26.8180, 20.5940

Previews

White Background



This preview shows how the YIQ color 92.7280, -109.5370, 19.2870 looks on a white 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

Black Background



This preview shows how the YIQ color 92.7280, -109.5370, 19.2870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

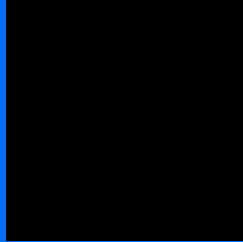
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

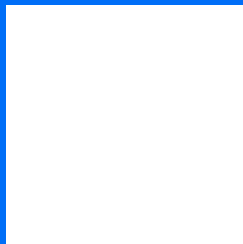
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 92.7280, -109.5370, 19.2870

Background



This preview shows how black text looks on a background with the YIQ color 92.7280, -109.5370, 19.2870.



This preview shows how white text looks on a background with the YIQ color 92.7280, -109.5370,

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

92.7280, -109.5370, 19.2870

Protanopia

92.9900, -107.5190, 15.7530

Deuteranopia

93.8100, -98.8050, 0.9950



Tritanopia

91.9280, -79.7270, -25.3830

Trichromacy



Original Color

92.7280, -109.5370, 19.2870

Protanomaly

92.7450, -108.2070, 17.2090

Deuteranomaly

93.1720, -102.5200, 7.7520

Tritanomaly

92.3790, -90.6420, -9.2820

Monochromacy



Original Color

92.7280, -109.5370, 19.2870

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

92.7400, -39.8900, 7.0700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.7280, -109.5370, 19.2870 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, 110, 247)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 247)  
}
```

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, 110, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 247) }
```

Border

The CSS property to change the border of an element to YIQ 92.7280, -109.5370, 19.2870 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, 110, 247) }
```


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

```
.border{ border-color:rgb(0, 110, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 110, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 247);  
box-shadow:4px 4px 4px 4px rgb(0, 110,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 92.7280, -109.5370, 19.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 110, 247) }
```

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

```
.background{ background-color: rgb(0, 110,  
247) }
```

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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