

Converting Colors

YIQ(76.9820, -94.7320, 42.8360)

Have a look what the booklet for
YIQ(76.9820, -94.7320, 42.8360)
contains.

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Color

**YIQ(76.9820, -94.7320,
42.8360)**

Conversions

Conversions Part 1

Format	Color
Hex	0D4BFF
RGB	13, 75, 255
RGB Percent	5%, 29%, 100%
CMY	0.9488, 0.7058, 0.0005
CMYK	0.95, 0.71, 0.00, 0.00
HSL	225°, 100%, 53%
HSV	225°, 95%, 100%
XYZ	20.7126, 12.3328, 95.7856
YIQ	76.9820, -94.7320, 42.8360

Conversions

Conversions Part 2

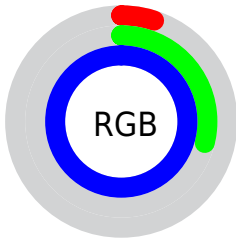
Format	Color
R _Y B	13, 62, 255
Decimal	871423
CIE Lab	41.74, 52.01, -92.08
CIE LCh	42, 105.754, 299.456
Yxy	12.3328, 0.1608, 0.0957
Android (android.graphics.Color)	4279061503 (0xFF0D4BFF)
YUV	76.9820, 87.7629, -56.1122
Hunter-Lab	35.1181, 43.8223, -137.1327

Details

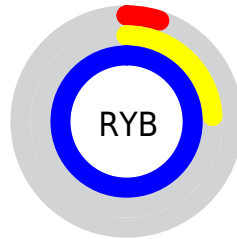
The YIQ color **76.9820, -94.7320, 42.8360** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark saturated blue. A complement of this color would be **191.0180, 94.7320, -42.8360**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **137.1400, -45.6270, 39.4690**, and **40.6550, -71.7620, 45.0540** is the 20% darker color. If you saturate the color by 10%, you get **67.2250, -99.7300, 45.3100**, and if you desaturate by 10%, it is **95.9090, -84.4610, 38.4110**.

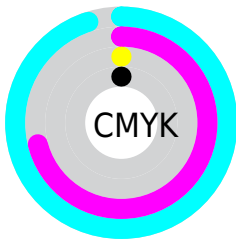
Distribution



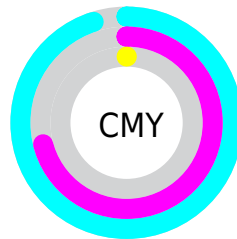
- Red (5%)
- Green (29%)
- Blue (100%)



- Red (5%)
- Yellow (24%)
- Blue (100%)



- Cyan (95%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (95%)
- Magenta (71%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.9820, -94.7320, 42.8360 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 76.9820, -94.7320, 42.8360 by changing the saturation by 10% instead.

■ 76.9820, -94.7320,
42.8360

■ 76.9820, -94.7320,
42.8360

■ 255.0000, -0.0000,
-0.0000

■ 56.1740, -86.5250,
42.7790

■ 137.1400,
-45.6270, 39.4690

■ 40.6550, -71.7620,
45.0540

■ 162.8670,
-31.9170, 33.2910

■ 26.7830, -57.5030,
45.4490

■ 188.5830,
-19.6740, 26.1660

■ 16.0740, -45.2610,
43.8510

■ 214.8860, -7.7060,
18.5180

■ 18.2790, -39.0690,
30.7470

■ 240.8900, 3.6660,
10.6580

■ 17.6630, -31.8230,
20.5690

■ 11.4050, -22.4690,

16.2430

■ 6.4350, -13.9860,
11.1820

■ 2.7530, -6.3740,
5.3860

■ 76.9820, -94.7320,
42.8360

■ 76.9820, -94.7320,
42.8360

■ 67.2250, -99.7300,
45.3100

■ 95.9090, -84.4610,
38.4110

■ 114.5370,
-74.7860, 33.7740

■ 133.4640,
-64.5150, 29.3490

■ 152.0920,
-54.8400, 24.7120

■ 170.7200,
-45.1650, 20.0750

■ 189.6470,
-34.8940, 15.6500

■ 208.2750,
-25.2190, 11.0130

■ 227.2020,
-14.9480, 6.5880

■ 245.8300, -5.2730,
1.9510

Harmonies

Analogous

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



95.9880, -113.2050, 19.6830



76.9820, -94.7320, 42.8360



79.2530, 54.3590, 99.6950

Triad

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



76.9820, -94.7320, 42.8360



82.6160, 98.2060, 15.3740



85.9660, -65.6950, -37.3990

Complementary

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



76.9820, -94.7320, 42.8360



191.0180, 94.7320, -42.8360

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.



72.7880, -34.1000, -64.8520



76.9820, -94.7320, 42.8360



92.8300, 46.3120, -24.3440

Square

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



76.9820, -94.7320, 42.8360



70.7510, 130.0640, 54.7680



68.0920, -31.9000, -60.6680



97.2860, -94.8140, -10.7660

Rectangle

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



76.9820, -94.7320, 42.8360



83.3340, 93.1950, 89.6990



68.0920, -31.9000, -60.6680



81.7310, -55.1480, -46.8280

Sweetspot

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



76.9820, -94.7320, 42.8360



202.6600, -27.7410, 12.6670



175.2320, -123.3670, -71.5190



95.4730, -17.1490, 7.9310



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.



76.9820, -94.7320, 42.8360



67.2250, -99.7300, 45.3100



57.3320, -44.3060, 87.1340



118.2430, -4.9980, 2.4740



50.5370, -74.7860, 33.7740



16.6880, -24.9440, 11.5360

Inverse Universe

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



92.4260, 124.3300, 70.5860



83.6550, 131.1150, 74.2750



210.3690, 43.7100, -87.3460



119.2290, 6.7850, 3.6890



62.6950, 98.1070, 55.7310



20.9600, 33.0080, 18.5440

Previews

White Background



This preview shows how the YIQ color 76.9820, -94.7320, 42.8360 looks on a white background.

Color Contrast Check

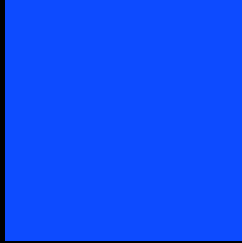
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.9820, -94.7320, 42.8360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

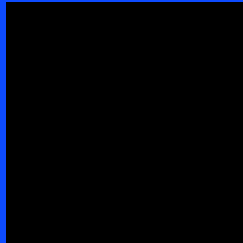
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.9820, -94.7320, 42.8360

Background



This preview shows how black text looks on a background with the YIQ color 76.9820, -94.7320, 42.8360.



This preview shows how white text looks on a background with the YIQ color 76.9820, -94.7320,

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

76.9820, -94.7320, 42.8360

Protanopia

77.7500, -89.4080, 12.4160

Deuteranopia

77.9660, -81.7490, 0.2590



Tritanopia

76.3920, -66.2940, -21.0300

Trichromacy



Original Color

76.9820, -94.7320, 42.8360

Protanomaly

77.5300, -91.2440, 23.6680

Deuteranomaly

77.7120, -86.2450, 15.6670

Tritanomaly

76.6570, -76.3850, 2.1670

Monochromacy



Original Color

76.9820, -94.7320, 42.8360

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

76.9460, -34.2980, 15.8620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.9820, -94.7320, 42.8360 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(13, 75, 255)` looks like.

```
.text, #text, p{  
    color:rgb(13, 75, 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(13, 75, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 75, 255) }
```

Border

The CSS property to change the border of an element to YIQ 76.9820, -94.7320, 42.8360 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(13, 75, 255) }
```


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

```
.border{ border-color:rgb(13, 75, 255) }
```

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

Here you see how a box with a 4 pixel rgb(13, 75, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 75, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 75, 255);  
box-shadow:4px 4px 4px 4px rgb(13, 75,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 76.9820, -94.7320, 42.8360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 75, 255) }
```

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

```
.background{ background-color: rgb(13, 75,  
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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