

Converting Colors

YIQ(71.9090, -93.6290, 28.3470)

Have a look what the booklet for
YIQ(71.9090, -93.6290, 28.3470)
contains.

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Color

**YIQ(71.9090, -93.6290,
28.3470)**

Conversions

Conversions Part 1

Format	Color
Hex	004FE0
RGB	0, 79, 224
RGB Percent	0%, 31%, 88%
CMY	0.9998, 0.6901, 0.1221
CMYK	1.00, 0.65, 0.00, 0.12
HSL	219°, 100%, 44%
HSV	219°, 100%, 88%
XYZ	16.2362, 10.9719, 71.6953
YIQ	71.9090, -93.6290, 28.3470

Conversions

Conversions Part 2

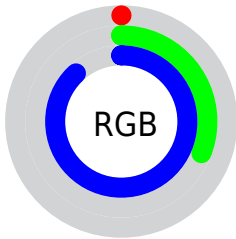
Format	Color
R _{YB}	0, 58, 224
Decimal	20448
CIE Lab	39.53, 38.06, -78.25
CIE LCh	40, 87.016, 295.939
Yxy	10.9719, 0.1642, 0.1109
Android (android.graphics.Color)	4278210528 (0xFF004FE0)
YUV	71.9090, 74.9809, -63.0642
Hunter-Lab	33.1239, 29.5278, -105.1440

Details

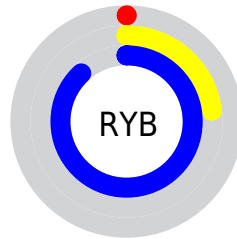
The YIQ color **71.9090, -93.6290, 28.3470** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **152.0910, 93.6290, -28.3470**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.1990, -53.2830, 35.0450**, and **40.1700, -63.5070, 33.1090** is the 20% darker color. If you saturate the color by 10%, you get **71.9090, -93.6290, 28.3470**, and if you desaturate by 10%, it is **87.2920, -84.6420, 25.1660**.

Distribution



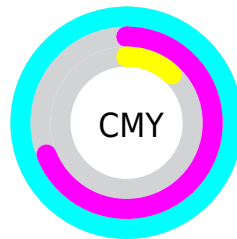
- Red (0%)
- Green (31%)
- Blue (88%)



- Red (0%)
- Yellow (23%)
- Blue (88%)



- Cyan (100%)
- Magenta (65%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (69%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.9090, -93.6290, 28.3470 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 71.9090, -93.6290, 28.3470 by changing the saturation by 10% instead.

■ 71.9090, -93.6290,
28.3470

■ 71.9090, -93.6290,
28.3470

■ 255.0000, -0.0000,
-0.0000

■ 55.6890, -78.2700,
30.8340

■ 135.9000,
-53.8790, 34.8330

■ 40.1700, -63.5070,
33.1090

■ 161.3280,
-40.7650, 28.4430

■ 27.1130, -50.1650,
33.6030

■ 186.1580,
-28.8430, 21.6290

■ 12.9960, -36.5940,
35.4540

■ 211.8630,
-18.0670, 13.5570

■ 17.0760, -31.5480,
21.0920

■ 237.8670, -6.6950,
5.6970

■ 11.4050, -22.4690,
16.2430

■ 6.4350, -13.9860,

11.1820

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 71.9090, -93.6290,
28.3470

■ 87.2920, -84.6420,
25.1660

■ 102.3870,
-74.7840, 22.7200

■ 117.1830,
-65.5220, 20.0620

■ 132.8650,
-55.9390, 17.0930

■ 147.6610,
-46.6770, 14.4350

■ 163.0440,
-37.6900, 11.2540

■ 178.1390,
-27.8320, 8.8080

■ 193.5220,
-18.8450, 5.6270

■ 208.6170, -8.9870,
3.1810

Harmonies

Analogous

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



89.9410, -105.8230, 18.0570



71.9090, -93.6290, 28.3470



69.4590, 41.6150, 88.3590

Triad

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



71.9090, -93.6290, 28.3470



80.2020, 90.5040, 11.7840



79.0870, -58.7260, -37.0460

Complementary

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



71.9090, -93.6290, 28.3470



152.0910, 93.6290, -28.3470

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.



67.5050, -31.6250, -60.1450



71.9090, -93.6290, 28.3470



88.1340, 48.5120, -20.1600

Square

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



71.9090, -93.6290, 28.3470



65.5130, 110.3030, 54.9670



77.7590, 0.3750, -45.3610



87.9960, -82.4340, -14.8660

Rectangle

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



71.9090, -93.6290, 28.3470



73.7230, 75.6820, 82.1940



77.7590, 0.3750, -45.3610



75.6500, -50.4260, -44.2980

Sweetspot

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



71.9090, -93.6290, 28.3470



202.9260, -31.5460, 10.0380



147.6760, -107.1820, -72.9900



96.6360, -19.1660, 5.9380



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.



71.9090, -93.6290, 28.3470



81.9000, -106.6050, 32.2350



34.5060, -54.0240, 76.0240



104.6020, -4.6310, 1.3290



56.4580, -73.5460, 22.3100



15.4510, -20.0830, 6.0370

Inverse Universe

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



75.9820, 108.1450, 72.0570



86.5050, 123.0900, 82.0500



189.4940, 54.0240, -76.0240



104.7450, 5.2720, 3.5760



59.6920, 84.9940, 56.5940



16.2900, 23.1510, 15.4630

Previews

White Background



This preview shows how the YIQ color 71.9090, -93.6290, 28.3470 looks on a white background.

Color Contrast Check

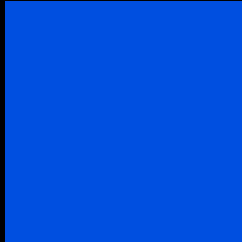
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.9090, -93.6290, 28.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

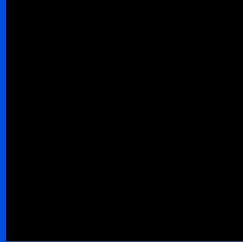
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.9090, -93.6290, 28.3470

Background



This preview shows how black text looks on a background with the YIQ color 71.9090, -93.6290, 28.3470.



This preview shows how white text looks on a background with the YIQ color 71.9090, -93.6290,

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

71.9090, -93.6290, 28.3470

Protanopia

73.7890, -85.1440, 12.2320

Deuteranopia

74.1190, -77.8060, 0.3860



Tritanopia

72.8870, -63.3140, -19.9700

Trichromacy



Original Color

71.9090, -93.6290, 28.3470

Protanomaly

72.9230, -88.2170, 18.3670

Deuteranomaly

73.2190, -83.5390, 10.6770

Tritanomaly

72.3920, -74.3210, -2.2010

Monochromacy



Original Color

71.9090, -93.6290, 28.3470

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

72.2570, -33.9760, 10.0240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.9090, -93.6290, 28.3470 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, 79, 224)` looks like.

```
.text, #text, p{  
    color:rgb(0, 79, 224)  
}
```

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, 79, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 79, 224) }
```

Border

The CSS property to change the border of an element to YIQ 71.9090, -93.6290, 28.3470 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, 79, 224) }
```


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

```
.border{ border-color:rgb(0, 79, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 79, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 79, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 79, 224);  
box-shadow:4px 4px 4px 4px rgb(0, 79, 224)  
}
```

Background

The CSS property to change the background color of an element to YIQ 71.9090, -93.6290, 28.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 79, 224) }
```

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

```
.background{ background-color: rgb(0, 79,  
224) }
```

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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