

Converting Colors

YIQ(95.9300, -71.7590, 28.4730)

Have a look what the booklet for
YIQ(95.9300, -71.7590, 28.4730)
contains.

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Color

**YIQ(95.9300, -71.7590,
28.4730)**

Conversions

Conversions Part 1

Format	Color
Hex	2D61E0
RGB	45, 97, 224
RGB Percent	18%, 38%, 88%
CMY	0.8235, 0.6195, 0.1219
CMYK	0.80, 0.57, 0.00, 0.12
HSL	223°, 74%, 53%
HSV	223°, 80%, 88%
XYZ	18.7997, 14.4876, 72.2571
YIQ	95.9300, -71.7590, 28.4730

Conversions

Conversions Part 2

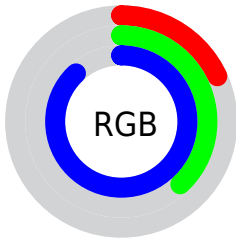
Format	Color
R_{YB}	45, 85, 224
Decimal	2974176
CIE _{Lab}	44.92, 28.72, -69.41
CIE _{LCh}	45, 75.114, 292.478
Yxy	14.4876, 0.1781, 0.1373
Android (android.graphics.Color)	4281164256 (0xFF2D61E0)
YUV	95.9300, 63.1385, -44.6656
Hunter-Lab	38.0626, 21.5543, -85.9107

Details

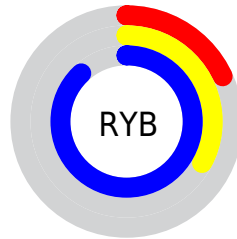
The YIQ color **95.9300, -71.7590, 28.4730** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **173.0700, 71.7590, -28.4730**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.9400, -51.3560, 27.6520**, and **49.6760, -68.2280, 25.0520** is the 20% darker color. If you saturate the color by 10%, you get **79.9600, -80.4710, 32.1770**, and if you desaturate by 10%, it is **111.9000, -63.0470, 24.7690**.

Distribution



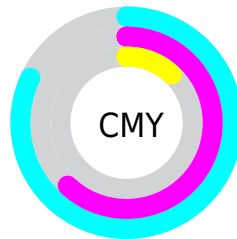
- Red (18%)
- Green (38%)
- Blue (88%)



- Red (18%)
- Yellow (33%)
- Blue (88%)



- Cyan (80%)
- Magenta (57%)
- Yellow (0%)
- Black (12%)



- Cyan (82%)
- Magenta (62%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.9300, -71.7590, 28.4730 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 95.9300, -71.7590, 28.4730 by changing the saturation by 10% instead.

■ 95.9300, -71.7590,
28.4730

■ 95.9300, -71.7590,
28.4730

■ 255.0000, -0.0000,
-0.0000

■ 65.6680, -82.9450,
21.9430

■ 150.9400,
-51.3560, 27.6520

■ 49.6760, -68.2280,
25.0520

■ 175.7700,
-39.4340, 20.8380

■ 34.7440, -53.7400,
26.8040

■ 201.4750,
-28.6580, 12.7660

■ 21.2140, -40.4440,
28.1320

■ 227.1800,
-17.8820, 4.6940

■ 14.2550, -30.4940,
24.0180

■ 251.7110, -6.5560,
-2.3320

■ 11.4050, -22.4690,
16.2430

■ 6.4350, -13.9860,

11.1820

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,
0.0000

■ 95.9300, -71.7590,
28.4730

■ 95.9300, -71.7590,
28.4730

■ 79.9600, -80.4710,
32.1770

■ 111.9000,
-63.0470, 24.7690

■ 63.6910, -89.7790,
35.6690

■ 128.1690,
-53.7390, 21.2770

■ 144.1390,
-45.0270, 17.5730

■ 160.4080,
-35.7190, 14.0810

■ 175.7910,
-26.7320, 10.9000

■ 191.7610,
-18.0200, 7.1960

■ 208.0300, -8.7120,
3.7040

■ 224.0000, -0.0000,
0.0000

■ 240.2690, 9.3080,
-3.4920

Harmonies

Analogous

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



96.3010, -107.1970, 9.9150



95.9300, -71.7590, 28.4730



104.9330, 21.5840, 60.4000

Triad

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



95.9300, -71.7590, 28.4730



94.9430, 92.4310, 4.3910



86.9290, -64.2730, -41.1450

Complementary

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



95.9300, -71.7590, 28.4730



173.0700, 71.7590, -28.4730

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.



76.0310, -39.0980, -62.3780



95.9300, -71.7590, 28.4730



100.2830, 58.2780, -20.9380

Square

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



95.9300, -71.7590, 28.4730



79.0760, 101.4080, 56.4800



94.0940, 18.4850, -43.1710



94.9260, -85.4130, -21.4530

Rectangle

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



95.9300, -71.7590, 28.4730



89.0480, 64.2210, 75.1410



94.0940, 18.4850, -43.1710



83.8340, -56.9360, -47.4640

Sweetspot

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



95.9300, -71.7590, 28.4730



211.5200, -24.5310, 9.5570



164.3230, -89.3500, -54.7420



101.0880, -14.6270, 6.2770



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.



95.9300, -71.7590, 28.4730



79.6070, -98.1700, 39.0620



76.1700, -36.0030, 63.3010



104.0150, -4.3560, 1.8520



50.0010, -70.5210, 28.0630



13.6900, -19.2580, 7.6060

Inverse Universe

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



104.4490, 89.9920, 54.1200



91.3490, 123.2290, 74.0210



192.8300, 36.0030, -63.3010



104.6310, 5.5930, 3.2650



58.4380, 88.5250, 53.1730



15.9480, 24.1140, 14.5300

Previews

White Background



This preview shows how the YIQ color 95.9300, -71.7590, 28.4730 looks on a white background.

Color Contrast Check

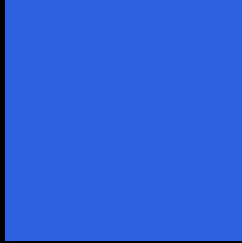
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.9300, -71.7590, 28.4730 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 95.9300, -71.7590, 28.4730

Background



This preview shows how black text looks on a background with the YIQ color 95.9300, -71.7590, 28.4730.



This preview shows how white text looks on a background with the YIQ color 95.9300, -71.7590,

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

95.9300, -71.7590, 28.4730

Protanopia

84.4980, -97.3860, 13.8300

Deuteranopia

84.6000, -89.4060, 1.3620



Tritanopia

82.9290, -72.3000, -22.3160

Trichromacy



Original Color

95.9300, -71.7590, 28.4730

Protanomaly

88.4500, -88.2630, 19.2010

Deuteranomaly

88.6320, -83.2640, 11.2000

Tritanomaly

87.7080, -72.3950, -4.0670

Monochromacy



Original Color

95.9300, -71.7590, 28.4730

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.6770, -26.4110, 10.5890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.9300, -71.7590, 28.4730 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(45, 97, 224)` looks like.

```
.text, #text, p{  
    color:rgb(45, 97, 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(45, 97, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 97, 224) }
```

Border

The CSS property to change the border of an element to YIQ 95.9300, -71.7590, 28.4730 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(45, 97, 224) }
```


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

```
.border{ border-color:rgb(45, 97, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 97, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 97, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 97, 224);  
box-shadow:4px 4px 4px 4px rgb(45, 97,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 95.9300, -71.7590, 28.4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 97, 224) }
```

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

```
.background{ background-color: rgb(45, 97,  
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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