

Converting Colors

YIQ(74.9960, -89.3200, 32.8560)

Have a look what the booklet for
YIQ(74.9960, -89.3200, 32.8560)
contains.

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Color

**YIQ(74.9960, -89.3200,
32.8560)**

Conversions

Conversions Part 1

Format	Color
Hex	0A4EE6
RGB	10, 78, 230
RGB Percent	4%, 31%, 90%
CMY	0.9606, 0.6940, 0.0985
CMYK	0.96, 0.66, 0.00, 0.10
HSL	221°, 92%, 47%
HSV	221°, 96%, 90%
XYZ	17.1174, 11.2237, 76.0385
YIQ	74.9960, -89.3200, 32.8560

Conversions

Conversions Part 2

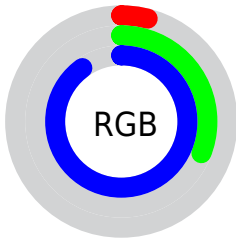
Format	Color
R _Y B	10, 62, 230
Decimal	675558
CIE Lab	39.95, 41.18, -80.97
CIE LCh	40, 90.836, 296.956
Yxy	11.2237, 0.1640, 0.1075
Android (android.graphics.Color)	4278865638 (0xFF0A4EE6)
YUV	74.9960, 76.4170, -57.0015
Hunter-Lab	33.5018, 32.5746, -111.1181

Details

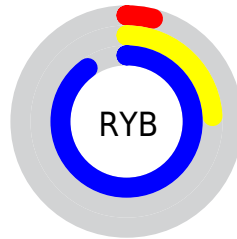
The YIQ color **74.9960, -89.3200, 32.8560** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **165.0040, 89.3200, -32.8560**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **136.5090, -51.2200, 36.2040**, and **40.2670, -65.1580, 35.4980** is the 20% darker color. If you saturate the color by 10%, you get **67.8970, -93.3550, 34.3970**, and if you desaturate by 10%, it is **91.2650, -80.0120, 29.3640**.

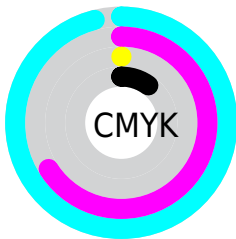
Distribution



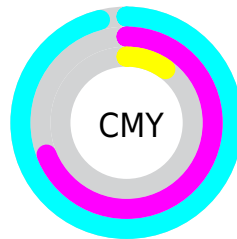
- Red (4%)
- Green (31%)
- Blue (90%)



- Red (4%)
- Yellow (24%)
- Blue (90%)



- Cyan (96%)
- Magenta (66%)
- Yellow (0%)
- Black (10%)



- Cyan (96%)
- Magenta (69%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.9960, -89.3200, 32.8560 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 74.9960, -89.3200, 32.8560 by changing the saturation by 10% instead.

■ 74.9960, -89.3200,
32.8560

■ 74.9960, -89.3200,
32.8560

■ 255.0000, -0.0000,
-0.0000

■ 55.7860, -79.9210,
33.2230

■ 136.5090,
-51.2200, 36.2040

■ 40.2670, -65.1580,
35.4980

■ 161.9370,
-38.1060, 29.8140

■ 26.5090, -51.2200,
36.2040

■ 186.7670,
-26.1840, 23.0000

■ 13.5660, -38.1990,
37.0090

■ 212.4720,
-15.4080, 14.9280

■ 18.8200, -33.7030,
21.6010

■ 238.4760, -4.0360,
7.0680

■ 12.4480, -24.0280,
16.9640

■ 6.8910, -15.2700,

12.4260

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,
0.0000

■ 74.9960, -89.3200,
32.8560

■ 74.9960, -89.3200,
32.8560

■ 67.8970, -93.3550,
34.3970

■ 91.2650, -80.0120,
29.3640

■ 107.5340,
-70.7040, 25.8720

■ 123.8030,
-61.3960, 22.3800

■ 140.0720,
-52.0880, 18.8880

■ 155.7540,
-42.5050, 15.9190

■ 172.0230,
-33.1970, 12.4270

■ 188.2920,
-23.8890, 8.9350

■ 204.5610,
-14.5810, 5.4430

■ 220.8300, -5.2730,
1.9510

Harmonies

Analogous

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



91.5540, -108.9870, 20.3330



74.9960, -89.3200, 32.8560



71.0080, 44.5030, 91.0870

Triad

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



74.9960, -89.3200, 32.8560



80.8000, 91.6960, 12.2080



80.6030, -60.2390, -37.1590

Complementary

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



74.9960, -89.3200, 32.8560



165.0040, 89.3200, -32.8560

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.



68.6790, -32.1750, -61.1910



74.9960, -89.3200, 32.8560



88.7210, 48.2370, -20.6830

Square

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



74.9960, -89.3200, 32.8560



66.2530, 113.9710, 54.5710



76.8400, -4.3470, -47.8910



89.9680, -85.2310, -13.7350

Rectangle

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



74.9960, -89.3200, 32.8560



75.8160, 79.8540, 83.6780



76.8400, -4.3470, -47.8910



77.0520, -51.6180, -44.7220

Sweetspot

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



74.9960, -89.3200, 32.8560



202.9370, -30.0790, 10.9850



156.2400, -108.6500, -68.4100



96.3480, -18.2950, 6.6730



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.



74.9960, -89.3200, 32.8560



75.4430, -103.5800, 37.9880



47.0400, -46.7800, 76.9000



106.7160, -4.9520, 1.6400



52.6910, -72.5840, 26.9040



15.2060, -20.7710, 7.4930

Inverse Universe

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



83.5320, 109.2920, 67.7880



85.2510, 126.6210, 78.6290



192.9600, 46.7800, -76.9000



107.0440, 5.8680, 3.7880



59.7910, 89.0290, 55.0530



17.0730, 25.2600, 15.7880

Previews

White Background



This preview shows how the YIQ color 74.9960, -89.3200, 32.8560 looks on a white background.

Color Contrast Check

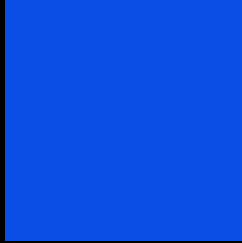
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.9960, -89.3200, 32.8560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

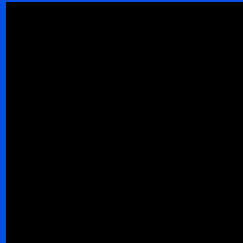
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.9960, -89.3200, 32.8560

Background



This preview shows how black text looks on a background with the YIQ color 74.9960, -89.3200, 32.8560.



This preview shows how white text looks on a background with the YIQ color 74.9960, -89.3200,

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

74.9960, -89.3200, 32.8560

Protanopia

74.4900, -85.7400, 12.0200

Deuteranopia

74.8200, -78.4020, 0.1740



Tritanopia

73.5880, -63.9100, -20.1820

Trichromacy



Original Color

74.9960, -89.3200, 32.8560

Protanomaly

75.0480, -87.0710, 19.6250

Deuteranomaly

74.7570, -82.1180, 12.4580

Tritanomaly

74.5170, -73.1750, -0.9430

Monochromacy



Original Color

74.9960, -89.3200, 32.8560

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.7950, -32.5550, 11.8050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.9960, -89.3200, 32.8560 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(10, 78, 230)` looks like.

```
.text, #text, p{  
    color:rgb(10, 78, 230)  
}
```

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(10, 78, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 78, 230) }
```

Border

The CSS property to change the border of an element to YIQ 74.9960, -89.3200, 32.8560 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(10, 78, 230) }
```


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

```
.border{ border-color:rgb(10, 78, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 78, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 78, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 78, 230);  
box-shadow:4px 4px 4px 4px rgb(10, 78,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 74.9960, -89.3200, 32.8560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 78, 230) }
```

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

```
.background{ background-color: rgb(10, 78,  
230) }
```

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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