

Converting Colors

YIQ(144.3390, -39.2980,
29.3900)

Have a look what the booklet for
YIQ(144.3390, -39.2980, 29.3900)
contains.

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Color

**YIQ(144.3390, -39.2980,
29.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	7D88EE
RGB	125, 136, 238
RGB Percent	49%, 53%, 93%
CMY	0.5097, 0.4666, 0.0669
CMYK	0.47, 0.43, 0.00, 0.07
HSL	234°, 77%, 71%
HSV	234°, 47%, 93%
XYZ	32.6875, 28.1399, 84.5515
YIQ	144.3390, -39.2980, 29.3900

Conversions

Conversions Part 2

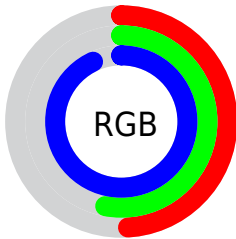
Format	Color
RYB	125, 135, 238
Decimal	8227054
CIELab	60.01, 22.66, -52.77
CIElCh	60, 57.429, 293.238
Yxy	28.1399, 0.2248, 0.1936
Android (android.graphics.Color)	4286417134 (0xFF7D88EE)
YUV	144.3390, 46.1749, -16.9603
Hunter-Lab	53.0471, 17.1590, -57.3691

Details

The YIQ color $144.3390, -39.2980, 29.3900$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $218.6610, 39.2980, -29.3900$, and the grayscale version is $144.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $194.7300, -24.7620, 19.2540$, and $91.4370, -42.6900, 24.7820$ is the 20% darker color. If you saturate the color by 10%, you get $124.8360, -47.8270, 35.2850$, and if you desaturate by 10%, it is $163.8420, -30.7690, 23.4950$.

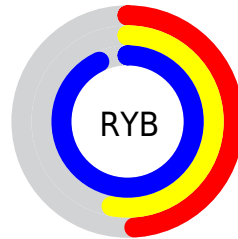
Distribution



Red (49%)

Green (53%)

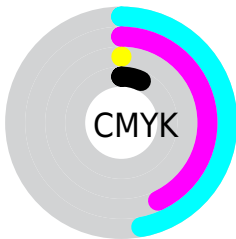
Blue (93%)



Red (49%)

Yellow (53%)

Blue (93%)

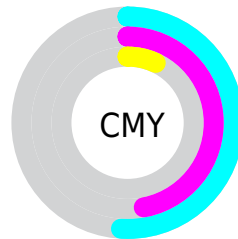


Cyan (47%)

Magenta (43%)

Yellow (0%)

Black (7%)



Cyan (51%)

Magenta (47%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.3390, -39.2980, 29.3900 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 144.3390, -39.2980, 29.3900 by changing the saturation by 10% instead.

■ 144.3390,
-39.2980, 29.3900

■ 144.3390,
-39.2980, 29.3900

■ 255.0000, -0.0000,
-0.0000

■ 117.6870,
-40.3980, 27.2980

■ 194.7300,
-24.7620, 19.2540

■ 91.4370, -42.6900,
24.7820

■ 219.8370,
-15.1780, 10.7580

■ 64.3930, -48.5580,
20.9940

■ 245.2430, -4.9980,
2.4740

■ 39.2460, -52.6380,
17.8420

■ 25.1290, -39.0670,
19.6930

■ 8.7780, -24.7170,
23.9470

■ 8.9770, -18.3880,

13.8680

■ 4.7080, -10.5010,
8.5950

■ 0.3420, -0.9630,
0.9330

■ 144.3390,
-39.2980, 29.3900

■ 144.3390,
-39.2980, 29.3900

■ 124.8360,
-47.8270, 35.2850

■ 163.8420,
-30.7690, 23.4950

■ 104.7460,
-56.0810, 41.7030

■ 183.9320,
-22.5150, 17.0770

■ 85.5420, -64.0140,
47.8100

■ 203.1360,
-14.5820, 10.9700

■ 65.4520, -72.2680,
54.2280

■ 223.2260, -6.3280,
4.5520

■ 45.9490, -80.7970,
60.1230

■ 242.7290, 2.2010,
-1.3430

■ 40.6330, -82.7230,
61.9890

■ 253.0620, 5.4570,
-5.2870

Harmonies

Analogous

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



118.3280, -120.9950, -4.3470



144.3390, -39.2980, 29.3900



148.7070, 18.7440, 45.7840

Triad

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



144.3390, -39.2980, 29.3900



141.4450, 76.3380, 4.1940



113.5500, -88.2510, -47.1230

Complementary

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



144.3390, -39.2980, 29.3900



218.6610, 39.2980, -29.3900

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.



124.9480, -30.8940, -45.8540



144.3390, -39.2980, 29.3900



139.1150, 58.6910, -22.9170

Square

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



144.3390, -39.2980, 29.3900



142.1630, 78.2130, 30.7970



134.9530, 23.4360, -39.2840



120.0650, -105.2180, -31.4740

Rectangle

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



144.3390, -39.2980, 29.3900



146.2020, 48.0870, 48.1430



134.9530, 23.4360, -39.2840



111.0250, -82.5190, -51.8870

Sweetspot

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



144.3390, -39.2980, 29.3900



225.4520, -12.6560, 9.1040



202.9590, -63.8170, -27.3770



109.6820, -7.6120, 5.7960



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.



144.3390, -39.2980, 29.3900



134.7480, -50.3950, 37.7730



151.3370, -9.4530, 44.6830



109.9550, -4.1270, 3.2090



31.5420, -64.0140, 47.8100



9.3190, -19.3510, 14.8010

Inverse Universe

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



160.0410, 63.8170, 27.3770



154.9510, 81.9260, 35.0940



211.6630, 9.4530, -44.6830



111.7020, 6.8310, 2.8550



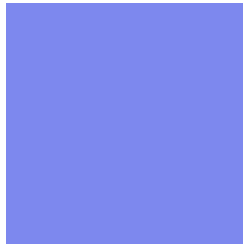
57.0680, 103.8860, 44.6060



17.3140, 31.7710, 13.4270

Previews

White Background



This preview shows how the YIQ color 144.3390, -39.2980, 29.3900 looks on a white background.

Color Contrast Check

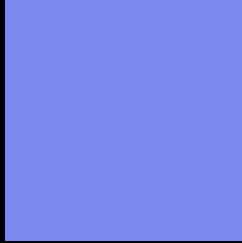
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 144.3390, -39.2980, 29.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

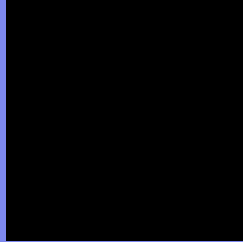
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 144.3390, -39.2980, 29.3900

Background



This preview shows how black text looks on a background with the YIQ color 144.3390, -39.2980, 29.3900.



This preview shows how white text looks on a background with the YIQ color 144.3390, -39.2980,

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

144.3390, -39.2980, 29.3900

Protanopia

140.9670, -55.9860, 23.4540

Deuteranopia

138.0320, -63.7790, 16.0050



Tritanopia

139.0160, -32.4600, -6.4440

Trichromacy



Original Color

144.3390, -39.2980, 29.3900

Protanomaly

141.9570, -50.0260, 25.5740

Deuteranomaly

140.5710, -54.9310, 20.8530

Tritanomaly

140.9640, -34.7090, 6.7870

Monochromacy



Original Color

144.3390, -39.2980, 29.3900

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

144.0220, -14.2610, 10.6590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.3390, -39.2980, 29.3900 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(125, 136, 238)` looks like.

```
.text, #text, p{  
    color:rgb(125, 136, 238)  
}
```

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(125, 136, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 136, 238) }
```

Border

The CSS property to change the border of an element to YIQ 144.3390, -39.2980, 29.3900 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(125, 136, 238) }
```


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

```
.border{ border-color:rgb(125, 136, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 136, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 136, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 136, 238);  
box-shadow:4px 4px 4px 4px rgb(125, 136,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 144.3390, -39.2980, 29.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 136, 238) }
```

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

```
.background{ background-color: rgb(125,  
136, 238) }
```

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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