

Converting Colors

YIQ(148.7700, -39.4340,
20.8380)

Have a look what the booklet for
YIQ(148.7700, -39.4340, 20.8380)
contains.

YIQ(148.7700, -39.4340, 20.8380)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(148.7700, -39.4340,
20.8380)**

Conversions

Conversions Part 1

Format	Color
Hex	7C92E4
RGB	124, 146, 228
RGB Percent	49%, 57%, 89%
CMY	0.5137, 0.4274, 0.1061
CMYK	0.46, 0.36, 0.00, 0.11
HSL	227°, 66%, 69%
HSV	227°, 46%, 89%
XYZ	32.5883, 30.4441, 77.5167
YIQ	148.7700, -39.4340, 20.8380

Conversions

Conversions Part 2

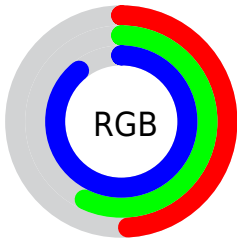
Format	Color
RYB	124, 142, 228
Decimal	8164068
CIELab	62.04, 13.59, -44.04
CIELCh	62, 46.090, 287.154
Yxy	30.4441, 0.2319, 0.2166
Android (android.graphics.Color)	4286354148 (0xFF7C92E4)
YUV	148.7700, 39.0604, -21.7233
Hunter-Lab	55.1761, 8.8679, -44.6729

Details

The YIQ color $148.7700, -39.4340, 20.8380$ is a light color, and the websafe version is hex $6699FF$. A complement of this color would be $203.2300, 39.4340, -20.8380$, and the grayscale version is $148.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $200.5890, -28.9790, 13.0770$, and $95.9930, -41.6800, 17.4880$ is the 20% darker color. If you saturate the color by 10%, you get $131.3270, -48.1920, 25.3760$, and if you desaturate by 10%, it is $166.2130, -30.6760, 16.3000$.

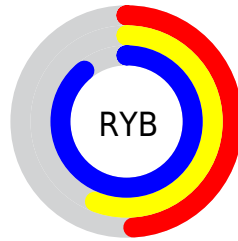
Distribution



Red (49%)

Green (57%)

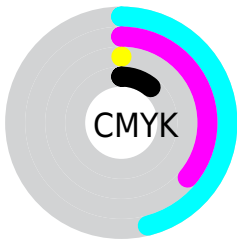
Blue (89%)



Red (49%)

Yellow (56%)

Blue (89%)

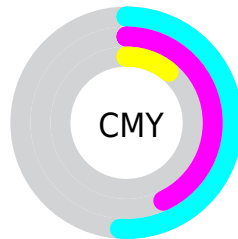


Cyan (46%)

Magenta (36%)

Yellow (0%)

Black (11%)



Cyan (51%)

Magenta (43%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.7700, -39.4340, 20.8380 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 148.7700, -39.4340, 20.8380 by changing the saturation by 10% instead.

■ 148.7700,
-39.4340, 20.8380

■ 148.7700,
-39.4340, 20.8380

■ 255.0000, -0.0000,
-0.0000

■ 121.9440,
-39.9840, 19.7920

■ 200.5890,
-28.9790, 13.0770

■ 95.9930, -41.6800,
17.4880

■ 225.6960,
-19.3950, 4.5810

■ 69.2590, -45.4850,
14.8590

■ 250.2160, -9.5360,
-3.3920

■ 42.9160, -51.9490,
10.8590

■ 28.3260, -38.4240,
13.5440

■ 10.3280, -23.5700,
19.6780

■ 7.7060, -16.1870,

12.5250

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 148.7700,
-39.4340, 20.8380

■ 148.7700,
-39.4340, 20.8380

■ 131.3270,
-48.1920, 25.3760

■ 166.2130,
-30.6760, 16.3000

■ 113.8840,
-56.9500, 29.9140

■ 183.6560,
-21.9180, 11.7620

■ 96.7400, -65.1120,
34.6640

■ 200.8000,
-13.7560, 7.0120

■ 79.2970, -73.8700,
39.2020

■ 218.2430, -4.9980,
2.4740

■ 61.8540, -82.6280,
43.7400

■ 235.6860, 3.7600,
-2.0640

■ 54.1680, -86.3880,
45.8040

■ 251.3350, 8.9420,
-7.8740

■ 251.9220, 8.6670,
-8.3970

Harmonies

Analogous

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



119.4390, -117.2340, -11.9380



148.7700, -39.4340, 20.8380



154.5110, 7.1920, 34.8720

Triad

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



148.7700, -39.4340, 20.8380



149.6210, 64.2790, 7.9830



122.9820, -71.7920, -42.5440

Complementary

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



148.7700, -39.4340, 20.8380



203.2300, 39.4340, -20.8380

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.



138.1510, -12.0520, -34.9000



148.7700, -39.4340, 20.8380



147.1440, 51.7200, -12.2160

Square

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



148.7700, -39.4340, 20.8380



150.5570, 62.3040, 27.2640



144.0000, 25.2220, -27.5940



120.0990, -102.5580, -35.6300

Rectangle

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



148.7700, -39.4340, 20.8380



153.9670, 32.2710, 37.4150



144.0000, 25.2220, -27.5940



130.7910, -46.2090, -38.1210

Sweetspot

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



148.7700, -39.4340, 20.8380



227.8000, -13.7560, 7.0120



194.2820, -54.6010, -29.2010



110.8560, -8.1620, 4.7500



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.



148.7700, -39.4340, 20.8380



147.9830, -52.9150, 28.3730



144.5270, -16.1000, 38.4920



106.1290, -4.6770, 2.1630



42.7120, -67.9090, 35.7950



12.2710, -19.3960, 10.1080

Inverse Universe

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



157.6040, 54.9220, 28.8900



160.1660, 74.1310, 38.6990



207.1740, 15.5040, -38.7040



106.9300, 6.1890, 3.4770



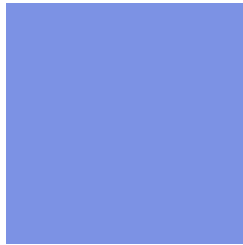
57.8530, 94.4860, 49.7660



16.5030, 26.8650, 14.2330

Previews

White Background



This preview shows how the YIQ color 148.7700, -39.4340, 20.8380 looks on a white background.

Color Contrast Check

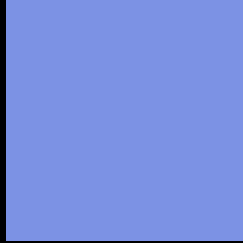
Large Text (above 18pt) WCAG AA × Fail

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 148.7700, -39.4340, 20.8380 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 ✓ Pass

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

YIQ 148.7700, -39.4340, 20.8380

Background



This preview shows how black text looks on a background with the YIQ color 148.7700, -39.4340, 20.8380.



This preview shows how white text looks on a background with the YIQ color 148.7700, -39.4340,

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

148.7700, -39.4340, 20.8380

Protanopia

148.2750, -42.4140, 19.7780

Deuteranopia

146.8290, -47.0900, 16.4140



Tritanopia

144.4180, -33.6520, -6.8680

Trichromacy



Original Color

148.7700, -39.4340, 20.8380

Protanomaly

148.5740, -41.8180, 19.9900

Deuteranomaly

147.4380, -44.4310, 17.7850

Tritanomaly

146.2580, -35.7170, 3.0270

Monochromacy



Original Color

148.7700, -39.4340, 20.8380

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.0280, -14.3980, 7.6340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.7700, -39.4340, 20.8380 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(124, 146, 228)` looks like.

```
.text, #text, p{  
    color:rgb(124, 146, 228)  
}
```

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(124, 146, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 146, 228) }
```

Border

The CSS property to change the border of an element to YIQ 148.7700, -39.4340, 20.8380 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(124, 146, 228) }
```


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

```
.border{ border-color:rgb(124, 146, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 146, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 146, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 146, 228);  
box-shadow:4px 4px 4px 4px rgb(124, 146,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 148.7700, -39.4340, 20.8380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 146, 228) }
```

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

```
.background{ background-color: rgb(124,  
146, 228) }
```

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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