

Converting Colors

YIQ(147.9440, -22.7890,
11.0270)

Have a look what the booklet for
YIQ(147.9440, -22.7890, 11.0270)
contains.

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Color

**YIQ(147.9440, -22.7890,
11.0270)**

Conversions

Conversions Part 1

Format	Color
Hex	8593C0
RGB	133, 147, 192
RGB Percent	52%, 58%, 75%
CMY	0.4784, 0.4235, 0.2472
CMYK	0.31, 0.23, 0.00, 0.25
HSL	226°, 32%, 64%
HSV	226°, 31%, 75%
XYZ	29.6182, 29.6601, 54.0145
YIQ	147.9440, -22.7890, 11.0270

Conversions

Conversions Part 2

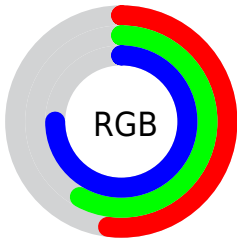
Format	Color
RYB	133, 144, 192
Decimal	8754112
CIELab	61.36, 5.53, -24.95
CIElCh	61, 25.552, 282.510
Yxy	29.6601, 0.2614, 0.2618
Android (android.graphics.Color)	4286944192 (0xFF8593C0)
YUV	147.9440, 21.7196, -13.1059
Hunter-Lab	54.4611, 1.7688, -20.6811

Details

The YIQ color $147.9440, -22.7890, 11.0270$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $177.0560, 22.7890, -11.0270$, and the grayscale version is $148.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $202.2860, -23.7520, 11.9600$, and $96.8900, -22.6970, 9.3590$ is the 20% darker color. If you saturate the color by 10%, you get $133.4580, -29.9880, 14.8440$, and if you desaturate by 10%, it is $162.4300, -15.5900, 7.2100$.

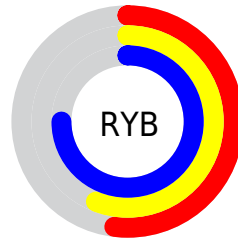
Distribution



Red (52%)

Green (58%)

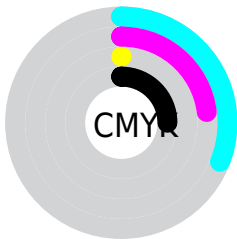
Blue (75%)



Red (52%)

Yellow (56%)

Blue (75%)

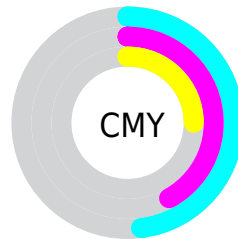


Cyan (31%)

Magenta (23%)

Yellow (0%)

Black (25%)



Cyan (48%)

Magenta (42%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.9440, -22.7890, 11.0270 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 147.9440, -22.7890, 11.0270 by changing the saturation by 10% instead.

■ 147.9440,
-22.7890, 11.0270

■ 147.9440,
-22.7890, 11.0270

■ 255.0000, -0.0000,
-0.0000

■ 121.8300,
-22.4680, 10.7160

■ 202.2860,
-23.7520, 11.9600

■ 96.8900, -22.6970,
9.3590

■ 227.7780,
-16.6900, 5.1180

■ 72.7760, -22.3760,
9.0480

■ 251.7110, -6.5560,
-2.3320

■ 49.5370, -23.2010,
7.4790

■ 25.6180, -27.9230,
4.9490

■ 6.5490, -14.3070,
11.4930

■ 2.9810, -7.0160,

6.0080

■ 0.0000, 0.0000,
0.0000

■ 147.9440,
-22.7890, 11.0270

■ 147.9440,
-22.7890, 11.0270

■ 133.4580,
-29.9880, 14.8440

■ 162.4300,
-15.5900, 7.2100

■ 119.5590,
-37.4620, 18.1380

■ 176.3290, -8.1160,
3.9160

■ 104.7740,
-45.2570, 21.7430

■ 191.1140, -0.3210,
0.3110

■ 90.2880, -52.4560,
25.5600

■ 205.6000, 6.8780,
-3.5060

■ 76.3890, -59.9300,
28.8540

■ 219.4990, 14.3520,
-6.8000

■ 61.9030, -67.1290,
32.6710

■ 233.9850, 21.5510,
-10.6170

■ 48.8900, -74.2820,
35.6540

■ 244.2960, 21.8730,
-16.4550

■ 247.8180, 20.2230,
-19.5930

Harmonies

Analogous

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



142.3710, -43.4650, 0.2710



147.9440, -22.7890, 11.0270



151.0780, 0.5010, 18.4610

Triad

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



147.9440, -22.7890, 11.0270



149.6210, 37.9160, 6.6840



139.9930, -25.6260, -20.1700

Complementary

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



147.9440, -22.7890, 11.0270



177.0560, 22.7890, -11.0270

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.



143.1390, -2.6100, -18.7860



147.9440, -22.7890, 11.0270



147.9480, 32.1410, -4.2990

Square

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



147.9440, -22.7890, 11.0270



151.3360, 34.7050, 15.3210



146.2510, 17.7460, -13.2460



137.2220, -45.2040, -17.7800

Rectangle

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



147.9440, -22.7890, 11.0270



152.0320, 15.3100, 19.9020



146.2510, 17.7460, -13.2460



141.2990, -17.7400, -19.9160

Sweetspot

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



147.9440, -22.7890, 11.0270



233.1440, -9.0330, 4.0150



172.6490, -30.3490, -17.1730



114.3570, -5.3190, 2.7850



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



147.9440, -22.7890, 11.0270



180.5160, -35.9030, 17.4170



144.2110, -9.9990, 21.5290



89.9010, -4.0350, 1.5410



40.6600, -62.1310, 30.1970



8.4580, -12.7930, 6.0790

Inverse Universe

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



152.2370, 30.6700, 16.8620



187.3150, 48.3660, 26.5580



180.7890, 9.9990, -21.5290



90.3320, 4.9970, 3.0530



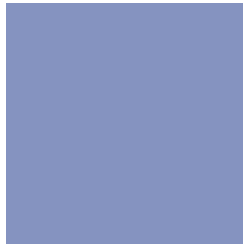
52.4710, 83.7580, 45.9500



10.7790, 17.1000, 9.4840

Previews

White Background



This preview shows how the YIQ color 147.9440, -22.7890, 11.0270 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 147.9440, -22.7890, 11.0270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

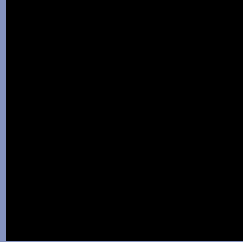
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

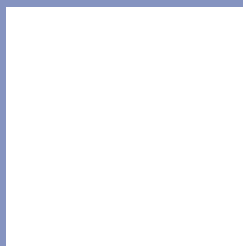
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 147.9440, -22.7890, 11.0270

Background



This preview shows how black text looks on a background with the YIQ color 147.9440, -22.7890, 11.0270.



This preview shows how white text looks on a background with the YIQ color 147.9440, -22.7890,

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

147.9440, -22.7890, 11.0270

Protanopia

148.1400, -20.4050, 11.8750

Deuteranopia

148.2650, -19.2590, 13.1330



Tritanopia

145.8930, -18.7520, -1.5680

Trichromacy



Original Color

147.9440, -22.7890, 11.0270

Protanomaly

147.8410, -21.0010, 11.6630

Deuteranomaly

148.2540, -20.7260, 12.1860

Tritanomaly

146.4570, -20.2200, 3.0120

Monochromacy



Original Color

147.9440, -22.7890, 11.0270

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.3290, -8.1160, 3.9160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.9440, -22.7890, 11.0270 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(133, 147, 192)` looks like.

```
.text, #text, p{  
    color:rgb(133, 147, 192)  
}
```

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(133, 147, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 147, 192) }
```

Border

The CSS property to change the border of an element to YIQ 147.9440, -22.7890, 11.0270 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(133, 147, 192) }
```


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

```
.border{ border-color:rgb(133, 147, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 147, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 147, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 147, 192);  
box-shadow:4px 4px 4px 4px rgb(133, 147,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 147.9440, -22.7890, 11.0270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 147, 192) }
```

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

```
.background{ background-color: rgb(133,  
147, 192) }
```

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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