

Converting Colors

YIQ(111.7940, -22.7870,
-0.0270)

Have a look what the booklet for
YIQ(111.7940, -22.7870, -0.0270)
contains.

YIQ(111.7940, -22.7870, -0.0270)	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(111.7940, -22.7870,
-0.0270)**

Conversions

Conversions Part 1

Format	Color
Hex	5A7689
RGB	90, 118, 137
RGB Percent	35%, 46%, 54%
CMY	0.6471, 0.5372, 0.4628
CMYK	0.34, 0.14, 0.00, 0.46
HSL	204°, 21%, 45%
HSV	204°, 34%, 54%
XYZ	15.2083, 16.9380, 26.1246
YIQ	111.7940, -22.7870, -0.0270

Conversions

Conversions Part 2

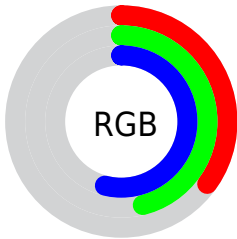
Format	Color
R_{YB}	90, 108, 137
Decimal	5928585
CIE _{Lab}	48.18, -5.20, -13.62
CIE _{LCh}	48, 14.578, 249.106
Yxy	16.9380, 0.2610, 0.2907
Android (android.graphics.Color)	4284118665 (0xFF5A7689)
YUV	111.7940, 12.4266, -19.1133
Hunter-Lab	41.1558, -6.0613, -8.8267

Details

The YIQ color **111.7940, -22.7870, -0.0270** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115.2060, 22.7870, 0.0270**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.6090, -23.7040, 0.0720**, and **63.2670, -22.7410, -0.8610** is the 20% darker color. If you saturate the color by 10%, you get **104.0860, -29.4810, 0.1430**, and if you desaturate by 10%, it is **119.5020, -16.0930, -0.1970**.

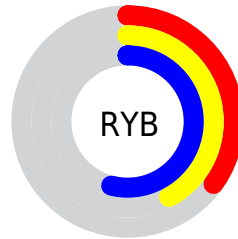
Distribution



Red (35%)

Green (46%)

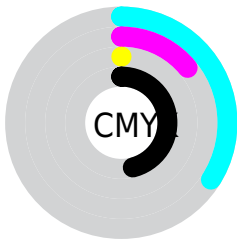
Blue (54%)



Red (35%)

Yellow (42%)

Blue (54%)

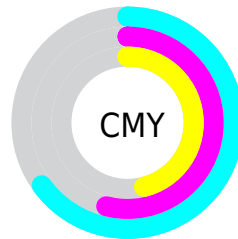


Cyan (34%)

Magenta (14%)

Yellow (0%)

Black (46%)



Cyan (65%)

Magenta (54%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.7940, -22.7870, -0.0270 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 111.7940, -22.7870, -0.0270 by changing the saturation by 10% instead.

■ 111.7940,
-22.7870, -0.0270

■ 111.7940,
-22.7870, -0.0270

■ 255.0000, -0.0000,
-0.0000

■ 86.7940, -22.7870,
-0.0270

■ 163.6090,
-23.7040, 0.0720

■ 63.2670, -22.7410,
-0.8610

■ 190.7230,
-24.0250, 0.3830

■ 40.5550, -23.6120,
-1.5960

■ 218.8370,
-24.3460, 0.6940

■ 20.6370, -20.9070,
-1.0590

■ 245.1440,
-18.2010, -6.0490

■ 2.9810, -7.0160,
6.0080

■ 254.4020, -1.1920,
-0.4240

■ 0.0000, 0.0000,
0.0000

■ 111.7940,
-22.7870, -0.0270

■ 111.7940,
-22.7870, -0.0270

■ 104.0860,
-29.4810, 0.1430

■ 119.5020,
-16.0930, -0.1970

■ 97.2640, -35.8540,
0.0020

■ 126.3240, -9.7200,
-0.0560

■ 89.5560, -42.5480,
0.1720

■ 134.0320, -3.0260,
-0.2260

■ 82.4350, -49.5170,
-0.1810

■ 141.1530, 3.9430,
0.1270

■ 75.0260, -55.6150,
0.2010

■ 148.5620, 10.0410,
-0.2550

■ 67.9050, -62.5840,
-0.1520

■ 155.6830, 17.0100,
0.0980

■ 63.7520, -66.5270,
-0.2790

■ 163.3910, 23.7040,
-0.0720

■ 170.5120, 30.6730,

0.2810

■ 177.9210, 36.7710,
-0.1010

Harmonies

Analogous

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



109.9520, -26.4080, -5.9920



111.7940, -22.7870, -0.0270



114.0450, -13.0680, 5.5560

Triad

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



111.7940, -22.7870, -0.0270



116.7360, 18.6590, 8.7630



111.7900, 0.2310, -9.6970

Complementary

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



111.7940, -22.7870, -0.0270



115.2060, 22.7870, 0.0270

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.



113.6450, 11.0050, -6.7150



111.7940, -22.7870, -0.0270



115.6560, 21.6400, 4.2960

Square

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



111.7940, -22.7870, -0.0270



116.8970, 10.9560, 10.7000



115.1130, 18.6150, -1.4570



110.8040, -11.5520, -10.9120

Rectangle

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



111.7940, -22.7870, -0.0270



115.3450, -5.0450, 8.8350



115.1130, 18.6150, -1.4570



112.4700, 4.1280, -8.7360

Sweetspot

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



111.7940, -22.7870, -0.0270



168.9220, -8.5280, 0.3680



119.7550, -19.0240, -18.6720



83.6620, -4.8600, -0.0280



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



111.7940, -22.7870, -0.0270



139.2640, -35.8540, 0.0020



98.2930, -16.4620, 12.0020



65.1460, -3.3470, 0.0850



61.5350, -64.4180, 0.0460



2.3310, -2.4300, -0.0140

Inverse Universe

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



107.2450, 19.0240, 18.6720



132.1420, 29.9800, 29.3720



128.7070, 16.4620, -12.0020



64.5490, 2.8880, 2.7280



48.7730, 53.9090, 52.7650



1.8370, 2.0170, 1.9930

Previews

White Background



This preview shows how the YIQ color 111.7940, -22.7870, -0.0270 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 111.7940, -22.7870, -0.0270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

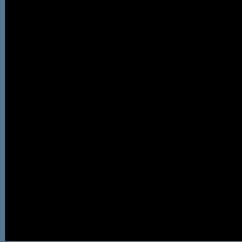
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.7940, -22.7870, -0.0270

Background



This preview shows how black text looks on a background with the YIQ color 111.7940, -22.7870, -0.0270.



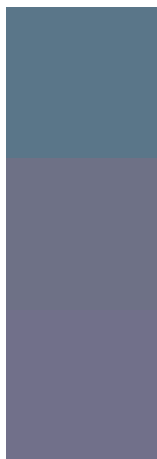
This preview shows how white text looks on a background with the YIQ color 111.7940, -22.7870, -0.0270.

-0.0270.

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

111.7940, -22.7870, -0.0270

Protanopia

114.4970, -8.5290, 5.8950

Deuteranopia

115.2630, -7.7500, 8.2980



Tritanopia

110.8710, -21.6860, -3.4620

Trichromacy



Original Color

111.7940, -22.7870, -0.0270

Protanomaly

113.6920, -13.5720, 3.6760

Deuteranomaly

114.0450, -13.0680, 5.5560

Tritanomaly

111.5120, -22.0530, -2.3170

Monochromacy



Original Color

111.7940, -22.7870, -0.0270

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.8080, -8.2070, 0.0570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.7940, -22.7870, -0.0270 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(90, 118, 137)` looks like.

```
.text, #text, p{  
    color:rgb(90, 118, 137)  
}
```

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(90, 118, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 118, 137) }
```

Border

The CSS property to change the border of an element to YIQ 111.7940, -22.7870, -0.0270 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(90, 118, 137) }
```


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

```
.border{ border-color:rgb(90, 118, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 118, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 118, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 118, 137);  
box-shadow:4px 4px 4px 4px rgb(90, 118,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 111.7940, -22.7870, -0.0270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 118, 137) }
```

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

```
.background{ background-color: rgb(90, 118,  
137) }
```

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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