

Converting Colors

YIQ(92.2770, -19.5330, 7.0830)

Have a look what the booklet for
YIQ(92.2770, -19.5330, 7.0830)
contains.

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Color

**YIQ(92.2770, -19.5330,
7.0830)**

Conversions

Conversions Part 1

Format	Color
Hex	4E5D7E
RGB	78, 93, 126
RGB Percent	31%, 36%, 49%
CMY	0.6941, 0.6353, 0.5060
CMYK	0.38, 0.26, 0.00, 0.51
HSL	221°, 24%, 40%
HSV	221°, 38%, 49%
XYZ	10.8207, 10.9550, 21.2740
YIQ	92.2770, -19.5330, 7.0830

Conversions

Conversions Part 2

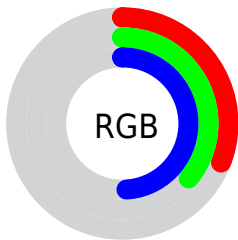
Format	Color
R_{YB}	78, 89, 126
Decimal	5135742
CIE Lab	39.50, 3.09, -20.36
CIE LCh	40, 20.589, 278.622
Yxy	10.9550, 0.2514, 0.2545
Android (android.graphics.Color)	4283325822 (0xFF4E5D7E)
YUV	92.2770, 16.6254, -12.5209
Hunter-Lab	33.0984, 0.4338, -14.9398

Details

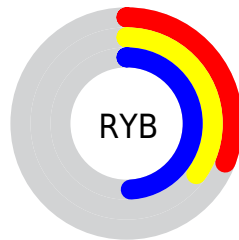
The YIQ color **92.2770, -19.5330, 7.0830** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **111.7230, 19.5330, -7.0830**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **142.9180, -19.9000, 8.2280**, and **45.3370, -19.7620, 5.7260** is the 20% darker color. If you saturate the color by 10%, you get **83.1070, -24.8060, 9.0340**, and if you desaturate by 10%, it is **101.4470, -14.2600, 5.1320**.

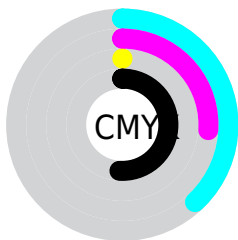
Distribution



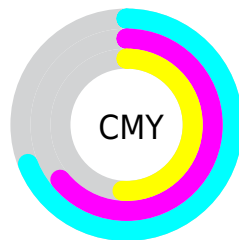
- Red (31%)
- Green (36%)
- Blue (49%)



- Red (31%)
- Yellow (35%)
- Blue (49%)



- Cyan (38%)
- Magenta (26%)
- Yellow (0%)
- Black (51%)



- Cyan (69%)
- Magenta (64%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.2770, -19.5330, 7.0830 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 92.2770, -19.5330, 7.0830 by changing the saturation by 10% instead.

■ 92.2770, -19.5330,
7.0830

■ 92.2770, -19.5330,
7.0830

■ 255.0000, -0.0000,
-0.0000

■ 68.7500, -19.4870,
6.2490

■ 142.9180,
-19.9000, 8.2280

■ 45.3370, -19.7620,
5.7260

■ 169.6190,
-20.4960, 8.0160

■ 23.2010, -22.3750,
3.5210

■ 196.8470,
-21.1380, 8.6380

■ 4.3490, -10.8680,
9.7400

■ 223.9350,
-18.5700, 6.1500

■ 0.6840, -1.9260,
1.8660

■ 249.0420, -8.9860,
-2.3460

■ 0.0000, 0.0000,
0.0000

■ 92.2770, -19.5330,
7.0830

■ 92.2770, -19.5330,
7.0830

■ 83.1070, -24.8060,
9.0340

■ 101.4470,
-14.2600, 5.1320

■ 74.8230, -29.7580,
10.6740

■ 109.7310, -9.3080,
3.4920

■ 65.6530, -35.0310,
12.6250

■ 118.9010, -4.0350,
1.5410

■ 56.7820, -39.7080,
14.7880

■ 127.7720, 0.6420,
-0.6220

■ 48.1990, -45.2560,
16.2160

■ 136.3550, 6.1900,
-2.0500

■ 39.0290, -50.5290,
18.1670

■ 145.5250, 11.4630,
-4.0010

■ 37.2570, -51.1710,
18.7890

■ 154.3960, 16.1400,
-6.1640

■ 162.9790, 21.6880,

-7.5920

■ 171.8500, 26.3650,
-9.7550

Harmonies

Analogous

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



87.5090, -35.1660, -1.4540



92.2770, -19.5330, 7.0830



95.1330, -1.3320, 13.1320

Triad

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



92.2770, -19.5330, 7.0830



94.1190, 27.6460, 5.5820



86.9450, -16.5030, -14.7990

Complementary

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



92.2770, -19.5330, 7.0830



111.7230, 19.5330, -7.0830

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.



89.2690, 0.1400, -13.5560



92.2770, -19.5330, 7.0830



93.1090, 24.4380, -2.3620

Square

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



92.2770, -19.5330, 7.0830



94.7800, 24.5270, 12.5510



91.9180, 14.4900, -9.3020



83.7890, -33.5590, -14.0630

Rectangle

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



92.2770, -19.5330, 7.0830



95.4610, 9.4880, 15.2800



91.9180, 14.4900, -9.3020



87.5820, -11.0470, -14.5590

Sweetspot

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



92.2770, -19.5330, 7.0830



150.5740, -7.4280, 2.4600



109.9380, -23.7930, -14.8410



74.0150, -4.3560, 1.8520



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



92.2770, -19.5330, 7.0830



110.6380, -30.6750, 10.7730



86.1630, -10.0440, 16.8360



58.9720, -2.7970, 1.1310



38.0720, -52.0880, 18.8880



0.0000, 0.0000, 0.0000

Inverse Universe

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



94.0620, 23.7930, 14.8410



113.1610, 36.9960, 23.3640



117.8370, 10.0440, -16.8360



59.3210, 3.5300, 2.1060



42.8320, 63.4480, 39.5760



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 92.2770, -19.5330, 7.0830 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 92.2770, -19.5330, 7.0830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

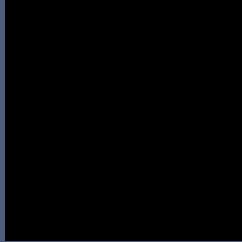
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 92.2770, -19.5330, 7.0830

Background



This preview shows how black text looks on a background with the YIQ color 92.2770, -19.5330, 7.0830.

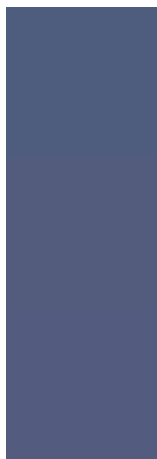


This preview shows how white text looks on a background with the YIQ color 92.2770, -19.5330,

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

92.2770, -19.5330, 7.0830

Protanopia

93.0710, -15.9570, 8.3550

Deuteranopia

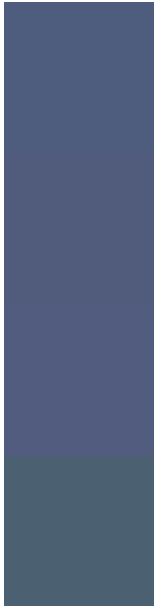
93.1850, -16.2780, 8.6660



Tritanopia

90.7360, -16.8720, -2.6000

Trichromacy



Original Color

92.2770, -19.5330, 7.0830

Protanomaly

92.4730, -17.1490, 7.9310

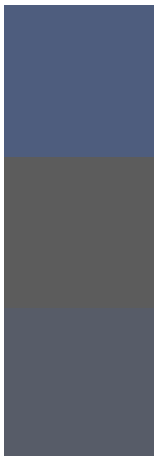
Deuteranomaly

92.5870, -17.4700, 8.2420

Tritanomaly

91.6590, -17.9730, 0.8350

Monochromacy



Original Color

92.2770, -19.5330, 7.0830

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

91.8730, -6.8320, 2.6720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.2770, -19.5330, 7.0830 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(78, 93, 126)` looks like.

```
.text, #text, p{  
    color:rgb(78, 93, 126)  
}
```

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(78, 93, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 93, 126) }
```

Border

The CSS property to change the border of an element to YIQ 92.2770, -19.5330, 7.0830 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(78, 93, 126) }
```


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

```
.border{ border-color:rgb(78, 93, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 93, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 93, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 93, 126);  
box-shadow:4px 4px 4px 4px rgb(78, 93,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 92.2770, -19.5330, 7.0830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 93, 126) }
```

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

```
.background{ background-color: rgb(78, 93,  
126) }
```

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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