

Converting Colors

YIQ(97.2220, -70.4260, 9.8140)

Have a look what the booklet for
YIQ(97.2220, -70.4260, 9.8140)
contains.

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Color

**YIQ(97.2220, -70.4260,
9.8140)**

Conversions

Conversions Part 1

Format	Color
Hex	246EC0
RGB	36, 110, 192
RGB Percent	14%, 43%, 75%
CMY	0.8589, 0.5685, 0.2474
CMYK	0.81, 0.43, 0.00, 0.25
HSL	212°, 68%, 45%
HSV	212°, 81%, 75%
XYZ	15.8105, 15.3350, 51.9450
YIQ	97.2220, -70.4260, 9.8140

Conversions

Conversions Part 2

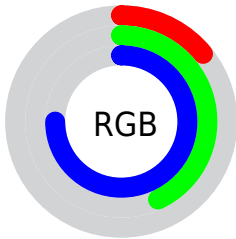
Format	Color
R_{YB}	36, 86, 192
Decimal	2387648
CIE _{Lab}	46.09, 7.35, -49.22
CIE _{LCh}	46, 49.771, 278.498
Yxy	15.3350, 0.1903, 0.1846
Android (android.graphics.Color)	4280577728 (0xFF246EC0)
YUV	97.2220, 46.7256, -53.6917
Hunter-Lab	39.1599, 3.5379, -51.2353

Details

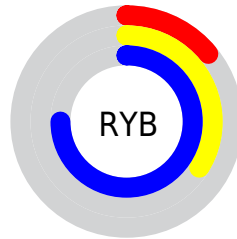
The YIQ color **97.2220, -70.4260, 9.8140** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **130.7780, 70.4260, -9.8140**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **154.5870, -61.0280, 15.7080**, and **52.7130, -61.6230, 9.9690** is the 20% darker color. If you saturate the color by 10%, you get **85.6710, -79.0000, 11.0160**, and if you desaturate by 10%, it is **108.7730, -61.8520, 8.6120**.

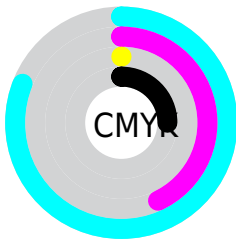
Distribution



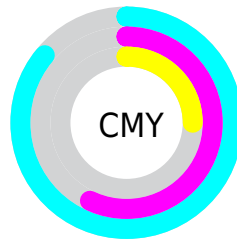
- Red (14%)
- Green (43%)
- Blue (75%)



- Red (14%)
- Yellow (34%)
- Blue (75%)



- Cyan (81%)
- Magenta (43%)
- Yellow (0%)
- Black (25%)



- Cyan (86%)
- Magenta (57%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.2220, -70.4260, 9.8140 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 97.2220, -70.4260, 9.8140 by changing the saturation by 10% instead.

■ 97.2220, -70.4260,
9.8140

■ 97.2220, -70.4260,
9.8140

■ 255.0000, -0.0000,
-0.0000

■ 69.1780, -76.2940,
6.0260

■ 154.5870,
-61.0280, 15.7080

■ 52.7130, -61.6230,
9.9690

■ 180.3890,
-51.9030, 10.0250

■ 37.4220, -47.5020,
12.8660

■ 205.4960,
-42.3190, 1.5290

■ 23.4190, -34.2520,
15.0280

■ 230.9020,
-32.1390, -6.7550

■ 10.7040, -21.8730,
16.4550

■ 246.3290,
-17.2840, -6.1480

■ 6.3210, -13.6650,
10.8710

■ 2.6390, -6.0530,

5.0750

■ 0.0000, 0.0000,
0.0000

■ 97.2220, -70.4260,
9.8140

■ 97.2220, -70.4260,
9.8140

■ 85.6710, -79.0000,
11.0160

■ 108.7730,
-61.8520, 8.6120

■ 75.3050, -86.6570,
12.1190

■ 120.3240,
-53.2780, 7.4100

■ 132.1740,
-44.1080, 6.4200

■ 143.7250,
-35.5340, 5.2180

■ 155.2760,
-26.9600, 4.0160

■ 166.8270,
-18.3860, 2.8140

■ 178.9650,
-10.0870, 1.0890

■ 190.8150, -0.9170,
0.0990

■ 202.3660, 7.6570,
-1.1030

Harmonies

Analogous

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



92.9320, -93.5770, -5.6490



97.2220, -70.4260, 9.8140



112.2150, -6.6540, 32.4980

Triad

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



97.2220, -70.4260, 9.8140



106.3210, 65.4240, 14.7680



83.3270, -59.6420, -42.4740

Complementary

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



97.2220, -70.4260, 9.8140



130.7780, 70.4260, -9.8140

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.



97.4850, -1.3690, -35.7770



97.2220, -70.4260, 9.8140



105.4760, 56.7170, -9.1630

Square

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



97.2220, -70.4260, 9.8140



106.8050, 58.9100, 33.7100



102.2200, 36.2260, -28.7820



89.4030, -73.9950, -30.1470

Rectangle

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



97.2220, -70.4260, 9.8140



111.9320, 22.1840, 38.5040



102.2200, 36.2260, -28.7820



88.0320, -39.6980, -40.4820

Sweetspot

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



97.2220, -70.4260, 9.8140



213.2760, -26.9600, 4.0160



136.8060, -68.9010, -56.3970



103.0830, -16.2310, 2.3050



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.



97.2220, -70.4260, 9.8140



101.0220, -110.5450, 15.5270



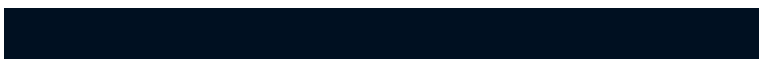
54.6810, -48.2880, 49.1520



91.0750, -4.5850, 0.4950



62.9660, -72.5810, 10.3230



13.1540, -14.9930, 1.8950

Inverse Universe

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



91.0800, 69.2220, 56.0860



91.4790, 108.7840, 88.0160



173.3190, 48.2880, -49.1520



90.5600, 4.3550, 3.6750



56.8030, 71.5600, 57.7680



11.6910, 14.5320, 11.9720

Previews

White Background



This preview shows how the YIQ color 97.2220, -70.4260, 9.8140 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 97.2220, -70.4260, 9.8140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

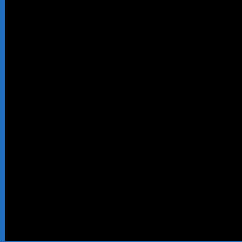
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.2220, -70.4260, 9.8140

Background



This preview shows how black text looks on a background with the YIQ color 97.2220, -70.4260, 9.8140.



This preview shows how white text looks on a background with the YIQ color 97.2220, -70.4260,

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

97.2220, -70.4260, 9.8140

Protanopia

105.1820, -46.5860, 18.2940

Deuteranopia

96.6240, -71.6180, 9.3900



Tritanopia

85.7330, -74.6840, -23.1640

Trichromacy



Original Color

97.2220, -70.4260, 9.8140

Protanomaly

101.9960, -54.9300, 15.3260

Deuteranomaly

96.9230, -71.0220, 9.6020

Tritanomaly

89.8940, -73.2190, -11.1630

Monochromacy



Original Color

97.2220, -70.4260, 9.8140

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

97.3470, -25.7220, 3.6060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.2220, -70.4260, 9.8140 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(36, 110, 192)` looks like.

```
.text, #text, p{  
    color:rgb(36, 110, 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(36, 110, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 110, 192) }
```

Border

The CSS property to change the border of an element to YIQ 97.2220, -70.4260, 9.8140 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(36, 110, 192) }
```


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

```
.border{ border-color:rgb(36, 110, 192) }
```

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

Here you see how a box with a 4 pixel rgb(36, 110, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 110, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 110, 192);  
box-shadow:4px 4px 4px 4px rgb(36, 110,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 97.2220, -70.4260, 9.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 110, 192) }
```

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

```
.background{ background-color: rgb(36, 110,  
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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