

Converting Colors

YIQ(78.9570, -33.9720,
-12.0840)

Have a look what the booklet for
YIQ(78.9570, -33.9720, -12.0840)
contains.

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Color

**YIQ(78.9570, -33.9720,
-12.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	276060
RGB	39, 96, 96
RGB Percent	15%, 38%, 38%
CMY	0.8472, 0.6234, 0.6237
CMYK	0.59, 0.00, 0.00, 0.62
HSL	180°, 42%, 26%
HSV	180°, 59%, 38%
XYZ	7.1302, 9.6447, 12.5438
YIQ	78.9570, -33.9720, -12.0840

Conversions

Conversions Part 2

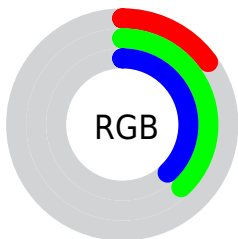
Format	Color
R_{YB}	39, 68, 96
Decimal	2580576
CIE _{Lab}	37.20, -18.42, -5.60
CIE _{LCh}	37, 19.254, 196.901
Yxy	9.6447, 0.2432, 0.3290
Android (android.graphics.Color)	4280770656 (0xFF276060)
YUV	78.9570, 8.4022, -35.0423
Hunter-Lab	31.0559, -13.3656, -2.2088

Details

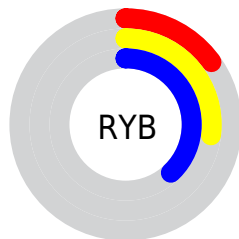
The YIQ color **78.9570, -33.9720, -12.0840** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **56.0430, 33.9720, 12.0840**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **130.1420, -33.0550, -12.1830**, and **34.4630, -29.5250, -10.0770** is the 20% darker color. If you saturate the color by 10%, you get **75.9670, -39.9320, -14.2040**, and if you desaturate by 10%, it is **81.9470, -28.0120, -9.9640**.

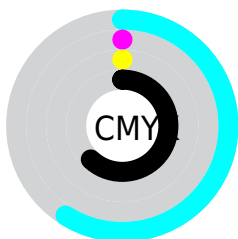
Distribution



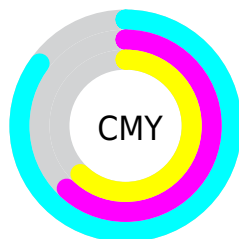
- Red (15%)
- Green (38%)
- Blue (38%)



- Red (15%)
- Yellow (27%)
- Blue (38%)



- Cyan (59%)
- Magenta (0%)
- Yellow (0%)
- Black (62%)



- Cyan (85%)
- Magenta (62%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 78.9570, -33.9720, -12.0840 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 78.9570, -33.9720, -12.0840 by changing the saturation by 10% instead.

■ 78.9570, -33.9720,
-12.0840

■ 78.9570, -33.9720,
-12.0840

■ 255.0000, -0.0000,
-0.0000

■ 52.5650, -38.7400,
-13.7800

■ 130.1420,
-33.0550, -12.1830

■ 34.4630, -29.5250,
-10.0770

■ 156.8430,
-33.6510, -12.3950

■ 20.3290, -17.2840,
-6.1480

■ 183.8430,
-33.6510, -12.3950

■ 0.2280, -0.6420,
0.6220

■ 211.5440,
-34.2470, -12.6070

■ 0.0000, 0.0000,
0.0000

■ 238.2560,
-33.3760, -11.8720

■ 246.9270,

-16.0920, -5.7240

■ 78.9570, -33.9720,
-12.0840

■ 78.9570, -33.9720,
-12.0840

■ 75.9670, -39.9320,
-14.2040

■ 81.9470, -28.0120,
-9.9640

■ 73.2760, -45.2960,
-16.1120

■ 84.6380, -22.6480,
-8.0560

■ 70.2860, -51.2560,
-18.2320

■ 87.6280, -16.6880,
-5.9360

■ 67.5950, -56.6200,
-20.1400

■ 90.3190, -11.3240,
-4.0280

■ 67.2960, -57.2160,
-20.3520

■ 93.3090, -5.3640,
-1.9080

■ 96.2990, 0.5960,
0.2120

■ 98.9900, 5.9600,
2.1200

■ 101.9800, 11.9200,
4.2400

■ 104.6710, 17.2840,
6.1480

Harmonies

Analogous

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



81.6180, -19.8960, -13.8800



78.9570, -33.9720, -12.0840



79.9660, -38.1910, -7.2070

Triad

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



78.9570, -33.9720, -12.0840



89.8730, 2.3360, 12.7360



87.0160, 20.2660, -3.8460

Complementary

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



78.9570, -33.9720, -12.0840



56.0430, 33.9720, 12.0840

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.



88.2820, 25.6290, 3.5890



78.9570, -33.9720, -12.0840



90.1150, 16.2740, 13.4420

Square

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



78.9570, -33.9720, -12.0840



87.7400, -13.5270, 8.3690



89.1990, 24.6650, 10.0490



85.4660, 9.9510, -9.6410

Rectangle

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



78.9570, -33.9720, -12.0840



82.1780, -32.7360, -1.4400



89.1990, 24.6650, 10.0490



87.4510, 23.4750, -1.4290

Sweetspot

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



78.9570, -33.9720, -12.0840



118.1230, -13.7080, -4.8760



72.7580, -15.0790, -29.5990



59.8140, -8.3440, -2.9680



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



78.9570, -33.9720, -12.0840



98.3890, -53.0440, -18.8680



62.5210, -26.2720, 2.5600



46.8040, -2.3840, -0.8480



78.5120, -66.7520, -23.7440



168.1260, -142.7190, -51.1910

Inverse Universe

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



56.0430, 33.9720, 12.0840



62.6110, 53.0440, 18.8680



72.4790, 26.2720, -2.5600



45.1960, 2.3840, 0.8480



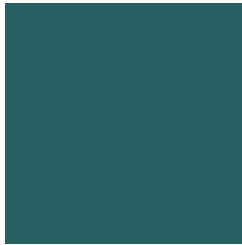
33.4880, 66.7520, 23.7440



71.7600, 143.0400, 50.8800

Previews

White Background



This preview shows how the YIQ color 78.9570, -33.9720, -12.0840 looks on a white background.

Color Contrast Check

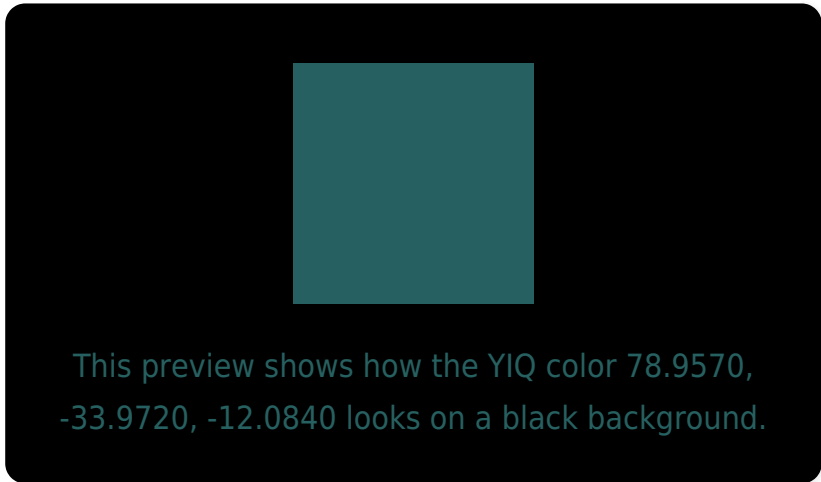
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

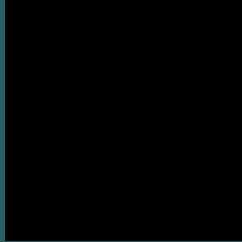
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 78.9570, -33.9720, -12.0840

Background



This preview shows how black text looks on a background with the YIQ color 78.9570, -33.9720, -12.0840.



This preview shows how white text looks on a background with the YIQ color 78.9570, -33.9720,

-12.0840.

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

78.9570, -33.9720, -12.0840

Protanopia

87.6410, -0.3670, 1.1450

Deuteranopia

87.9770, -1.1930, 5.1030



Tritanopia

80.0650, -34.1560, -8.7480

Trichromacy



Original Color

78.9570, -33.9720, -12.0840

Protanomaly

84.2480, -12.5620, -3.6180

Deuteranomaly

84.5300, -13.2960, -1.3280

Tritanomaly

79.4240, -33.7890, -9.8930

Monochromacy



Original Color

78.9570, -33.9720, -12.0840

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.7210, -12.5160, -4.4520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.9570, -33.9720, -12.0840 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(39, 96, 96)` looks like.

```
.text, #text, p{  
    color:rgb(39, 96, 96)  
}
```

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(39, 96, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 96, 96) }
```

Border

The CSS property to change the border of an element to YIQ 78.9570, -33.9720, -12.0840 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(39, 96, 96) }
```


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

```
.border{ border-color:rgb(39, 96, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 96, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 96, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 96, 96);  
box-shadow:4px 4px 4px 4px rgb(39, 96, 96)  
}
```

Background

The CSS property to change the background color of an element to YIQ 78.9570, -33.9720, -12.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 96, 96) }
```

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

```
.background{ background-color: rgb(39, 96,  
96) }
```

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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