

Converting Colors

YIQ(35.9760, 0.5480, 12.1000)

Have a look what the booklet for
YIQ(35.9760, 0.5480, 12.1000)
contains.

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Color

**YIQ(35.9760, 0.5480,
12.1000)**

Conversions

Conversions Part 1

Format	Color
Hex	2C1C38
RGB	44, 28, 56
RGB Percent	17%, 11%, 22%
CMY	0.8274, 0.8902, 0.7804
CMYK	0.21, 0.50, 0.00, 0.78
HSL	274°, 33%, 16%
HSV	274°, 50%, 22%
XYZ	2.1681, 1.6515, 3.9452
YIQ	35.9760, 0.5480, 12.1000

Conversions

Conversions Part 2

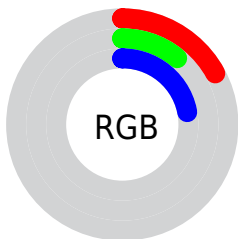
Format	Color
RYB	44, 28, 56
Decimal	2890808
CIELab	13.54, 14.47, -15.25
CIELCh	14, 21.025, 313.505
Yxy	1.6515, 0.2792, 0.2127
Android (android.graphics.Color)	4281080888 (0xFF2C1C38)
YUV	35.9760, 9.8718, 7.0370
Hunter-Lab	12.8509, 7.6260, -9.2065




Details

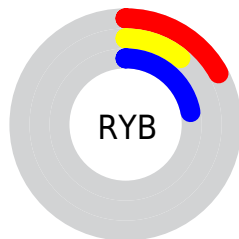
The YIQ color **35.9760, 0.5480, 12.1000** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **48.0240, -0.5480, -12.1000**, and the grayscale version is **36.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **80.9160, 0.7770, 13.4570**, and **1.1400, -3.2100, 3.1100** is the 20% darker color. If you saturate the color by 10%, you get **31.8560, 1.0060, 14.8140**, and if you desaturate by 10%, it is **40.0960, 0.0900, 9.3860**.

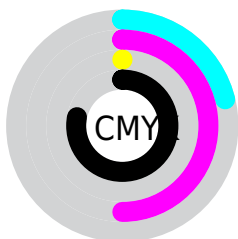
Distribution







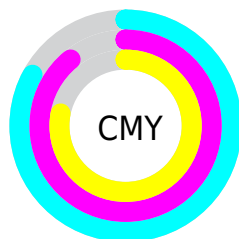
-  Red (17%)
-  Green (11%)
-  Blue (22%)






-  Red (17%)
-  Yellow (11%)
-  Blue (22%)



-  Cyan (21%)
-  Magenta (50%)
-  Yellow (0%)
-  Black (78%)



-  Cyan (83%)
-  Magenta (89%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 35.9760, 0.5480, 12.1000 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 35.9760, 0.5480, 12.1000 by changing the saturation by 10% instead.

■ 35.9760, 0.5480,
12.1000

■ 35.9760, 0.5480,
12.1000

■ 255.0000, -0.0000,
-0.0000

■ 13.2260, 2.8400,
14.6160

■ 80.9160, 0.7770,
13.4570

■ 1.1400, -3.2100,
3.1100

■ 105.3290, 1.0520,
13.9800

■ 0.0000, 0.0000,
0.0000

■ 130.7420, 1.3270,
14.5030

■ 156.2690, 1.2810,
15.3370

■ 183.6820, 1.5560,
15.8600

■ 211.0950, 1.8310,

16.3830

■ 237.9550, 5.0410,
13.2730

■ 35.9760, 0.5480,
12.1000

■ 35.9760, 0.5480,
12.1000

■ 31.8560, 1.0060,
14.8140

■ 40.0960, 0.0900,
9.3860

■ 28.0240, 0.5930,
16.7930

■ 43.9280, 0.5030,
7.4070

■ 23.9040, 1.0510,
19.5070

■ 48.0480, 0.0450,
4.6930

■ 20.0720, 0.6380,
21.4860

■ 51.8800, 0.4580,
2.7140

■ 15.9520, 1.0960,
24.2000

■ 56.0000, -0.0000,
0.0000

■ 60.1200, -0.4580,
-2.7140

■ 63.9520, -0.0450,
-4.6930

■ 68.0720, -0.5030,
-7.4070

■ 71.9040, -0.0900,
-9.3860

Harmonies

Analogous

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



33.1200, -17.6530, 6.0510



35.9760, 0.5480, 12.1000



35.4460, 13.8440, 13.4280

Triad

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



35.9760, 0.5480, 12.1000



33.1470, 21.2750, -5.6130



29.3280, -24.7110, -9.2150

Complementary

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



35.9760, 0.5480, 12.1000



48.0240, -0.5480, -12.1000

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.



27.0310, -19.6210, -13.3570



35.9760, 0.5480, 12.1000



32.1950, 12.1520, -10.9840

Square

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



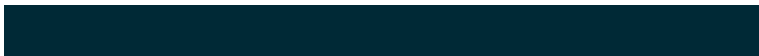
35.9760, 0.5480, 12.1000



33.6130, 23.1990, 3.5750



30.1270, -2.3360, -12.7360



30.2230, -28.6090, -4.6490

Rectangle

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



35.9760, 0.5480, 12.1000



34.4420, 19.6670, 12.5230



30.1270, -2.3360, -12.7360



28.7580, -23.1060, -10.7700

Sweetspot

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



35.9760, 0.5480, 12.1000



66.0480, 0.0450, 4.6930



38.2360, -12.2880, 2.4320



32.9940, 0.1370, 3.0250



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



35.9760, 0.5480, 12.1000



42.4910, 0.7760, 18.9840



39.3360, 8.3420, 14.0220



25.9400, 0.2290, 1.3570



26.3350, 2.0560, 39.8480



62.3410, 4.2010, 94.6090

Inverse Universe

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



37.7400, 12.8360, 9.6680



45.3220, 20.1250, 15.2370



44.6640, -8.3420, -14.0220



26.0110, 1.4670, 0.9470



31.9540, 42.3130, 31.6330



76.1970, 100.3500, 75.6620

Previews

White Background



This preview shows how the YIQ color 35.9760, 0.5480, 12.1000 looks on a white background.

Color Contrast Check

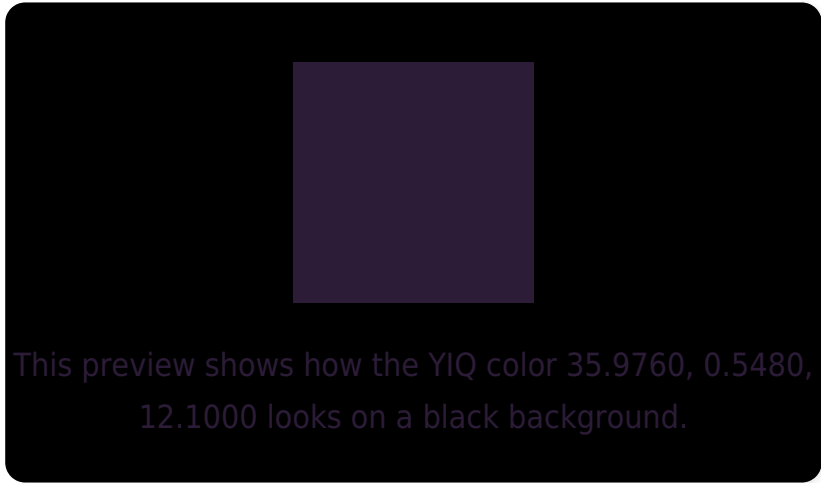
Large Text (above 18pt) WCAG AA ✓ Pass

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

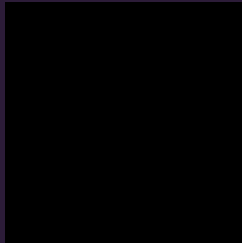
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 35.9760, 0.5480, 12.1000

Background



This preview shows how black text looks on a background with the YIQ color 35.9760, 0.5480, 12.1000.



This preview shows how white text looks on a background with the YIQ color 35.9760, 0.5480,

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

35.9760, 0.5480, 12.1000

Protanopia

33.6040, -16.1400, 6.1640

Deuteranopia

34.2900, -12.3800, 4.1000



Tritanopia

35.7340, 3.8050, 2.6290

Trichromacy



Original Color

35.9760, 0.5480, 12.1000

Protanomaly

34.5940, -10.1800, 8.2840

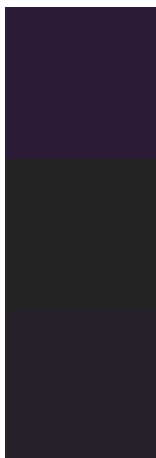
Deuteranomaly

34.6220, -7.3830, 7.1530

Tritanomaly

35.6570, 2.7040, 6.0640

Monochromacy



Original Color

35.9760, 0.5480, 12.1000

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

35.9340, 0.3660, 4.3820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.9760, 0.5480, 12.1000 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(44, 28, 56)` looks like.

```
.text, #text, p{  
    color:rgb(44, 28, 56)  
}
```

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(44, 28, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 28, 56) }
```

Border

The CSS property to change the border of an element to YIQ 35.9760, 0.5480, 12.1000 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(44, 28, 56) }
```


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

```
.border{ border-color:rgb(44, 28, 56) }
```

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

Here you see how a box with a 4 pixel rgb(44, 28, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 28, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 28, 56);  
box-shadow:4px 4px 4px 4px rgb(44, 28, 56)  
}
```

Background

The CSS property to change the background color of an element to YIQ 35.9760, 0.5480, 12.1000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 28, 56) }
```

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

```
.background{ background-color: rgb(44, 28,  
56) }
```

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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