

Converting Colors

YIQ(35.7770, -24.1170, 2.0510)

Have a look what the booklet for
YIQ(35.7770, -24.1170, 2.0510)
contains.

YIQ(35.7770, -24.1170, 2.0510)	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(35.7770, -24.1170,
2.0510)**

Conversions

Conversions Part 1

Format	Color
Hex	0E2942
RGB	14, 41, 66
RGB Percent	5%, 16%, 26%
CMY	0.9451, 0.8392, 0.7413
CMYK	0.79, 0.38, 0.00, 0.74
HSL	209°, 65%, 16%
HSV	209°, 79%, 26%
XYZ	1.9567, 2.0729, 5.4467
YIQ	35.7770, -24.1170, 2.0510

Conversions

Conversions Part 2

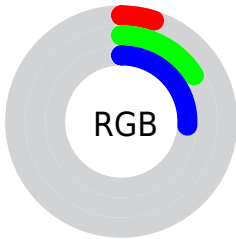
Format	Color
R_{YB}	14, 32, 66
Decimal	928066
CIE _{Lab}	15.87, -0.31, -18.75
CIE _{LCh}	16, 18.754, 269.039
Yxy	2.0729, 0.2065, 0.2187
Android (android.graphics.Color)	4279118146 (0xFF0E2942)
YUV	35.7770, 14.8999, -19.0984
Hunter-Lab	14.3977, -0.9365, -12.3513

Details

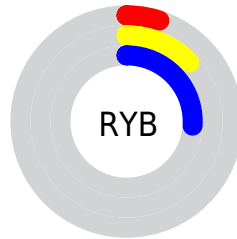
The YIQ color **35.7770, -24.1170, 2.0510** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **44.2230, 24.1170, -2.0510**, and the grayscale version is **36.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **82.6140, -22.1000, 4.0440**, and **3.2090, -7.6580, 6.6300** is the 20% darker color. If you saturate the color by 10%, you get **31.9230, -27.4640, 2.1360**, and if you desaturate by 10%, it is **39.6310, -20.7700, 1.9660**.

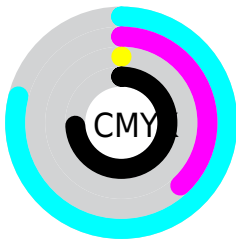
Distribution



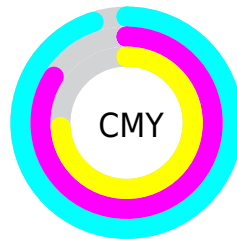
- Red (5%)
- Green (16%)
- Blue (26%)



- Red (5%)
- Yellow (13%)
- Blue (26%)



- Cyan (79%)
- Magenta (38%)
- Yellow (0%)
- Black (74%)



- Cyan (95%)
- Magenta (84%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 35.7770, -24.1170, 2.0510 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 35.7770, -24.1170, 2.0510 by changing the saturation by 10% instead.

■ 35.7770, -24.1170,
2.0510

■ 35.7770, -24.1170,
2.0510

■ 253.8040, -2.3840,
-0.8480

■ 17.3430, -19.8990,
2.7010

■ 82.6140, -22.1000,
4.0440

■ 3.2090, -7.6580,
6.6300

■ 106.8420,
-22.7420, 4.6660

■ 0.0000, 0.0000,
0.0000

■ 132.2550,
-22.4670, 5.1890

■ 158.9560,
-23.0630, 4.9770

■ 186.0700,
-23.3840, 5.2880

■ 213.2980,

-24.0260, 5.9100

■ 239.5620,
-16.3220, -1.5540

■ 35.7770, -24.1170,
2.0510

■ 35.7770, -24.1170,
2.0510

■ 31.9230, -27.4640,
2.1360

■ 39.6310, -20.7700,
1.9660

■ 28.3680, -30.2150,
2.4330

■ 43.1860, -18.0190,
1.6690

■ 27.4820, -30.5360,
2.7440

■ 47.6270, -14.9470,
1.0610

■ 51.1820, -12.1960,
0.7640

■ 55.0360, -8.8490,
0.6790

■ 58.8900, -5.5020,
0.5940

■ 62.4450, -2.7510,
0.2970

■ 66.2990, 0.5960,
0.2120

■ 70.4410, 3.0720,
-0.6080

Harmonies

Analogous

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



32.8960, -32.0020, -3.7300



35.7770, -24.1170, 2.0510



40.2740, -6.2830, 9.2450

Triad

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



35.7770, -24.1170, 2.0510



39.8240, 21.2270, 6.2750



34.3480, -10.2680, -12.1560

Complementary

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



35.7770, -24.1170, 2.0510



44.2230, 24.1170, -2.0510

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.



37.1170, 3.6240, -10.6160



35.7770, -24.1170, 2.0510



39.2380, 19.7610, -0.1990

Square

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



35.7770, -24.1170, 2.0510



39.8330, 17.0080, 11.1520



38.4990, 14.3520, -6.8000



31.4480, -25.1690, -11.9290

Rectangle

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



35.7770, -24.1170, 2.0510



41.1180, 3.0240, 11.2800



38.4990, 14.3520, -6.8000



35.3980, -4.5370, -11.3930

Sweetspot

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



35.7770, -24.1170, 2.0510



74.8510, -9.7660, 0.7780



47.2600, -22.0040, -19.7320



35.8900, -5.5020, 0.5940



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



35.7770, -24.1170, 2.0510



38.7030, -38.4680, 3.3240



21.1020, -17.2420, 15.1260



31.5160, -1.5130, -0.1130



40.4080, -44.8870, 4.0170



94.2150, -104.0790, 8.4730

Inverse Universe

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



32.6260, 22.3250, 19.4210



33.7190, 35.6650, 30.9690



58.8980, 17.2420, -15.1260



31.1250, 1.1460, 1.2580



34.7030, 41.7620, 36.1140



80.3140, 95.9470, 83.8750

Previews

White Background



This preview shows how the YIQ color 35.7770, -24.1170, 2.0510 looks on a white background.

Color Contrast Check

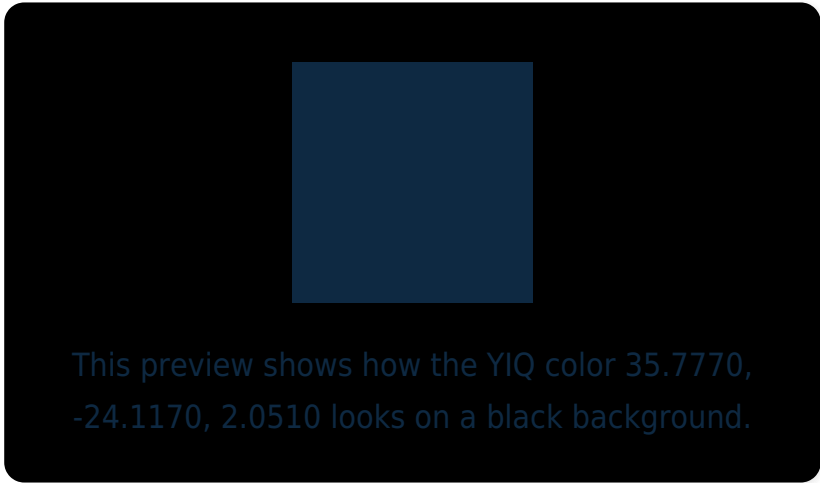
Large Text (above 18pt) WCAG AA ✓ Pass

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

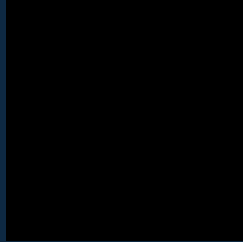
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 35.7770, -24.1170, 2.0510

Background



This preview shows how black text looks on a background with the YIQ color 35.7770, -24.1170, 2.0510.



This preview shows how white text looks on a background with the YIQ color 35.7770, -24.1170,

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

35.7770, -24.1170, 2.0510

Protanopia

39.1590, -13.3890, 5.8670

Deuteranopia

37.5820, -19.0740, 4.2700



Tritanopia

31.1860, -27.1870, -8.3950

Trichromacy



Original Color

35.7770, -24.1170, 2.0510

Protanomaly

38.0660, -17.5610, 4.3830

Deuteranomaly

36.6850, -20.8620, 3.6340

Tritanomaly

32.8920, -26.1790, -4.6350

Monochromacy



Original Color

35.7770, -24.1170, 2.0510

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

36.0360, -8.8490, 0.6790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.7770, -24.1170, 2.0510 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(14, 41, 66)` looks like.

```
.text, #text, p{  
    color:rgb(14, 41, 66)  
}
```

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(14, 41, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 41, 66) }
```

Border

The CSS property to change the border of an element to YIQ 35.7770, -24.1170, 2.0510 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(14, 41, 66) }
```


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

```
.border{ border-color:rgb(14, 41, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 41, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 41, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 41, 66);  
box-shadow:4px 4px 4px 4px rgb(14, 41, 66)  
}
```

Background

The CSS property to change the background color of an element to YIQ 35.7770, -24.1170, 2.0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 41, 66) }
```

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

```
.background{ background-color: rgb(14, 41,  
66) }
```

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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