

Converting Colors

YIQ(43.2710, -28.5640, 0.0440)

Have a look what the booklet for
YIQ(43.2710, -28.5640, 0.0440)
contains.

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Color

**YIQ(43.2710, -28.5640,
0.0440)**

Conversions

Conversions Part 1

Format	Color
Hex	10334B
RGB	16, 51, 75
RGB Percent	6%, 20%, 29%
CMY	0.9373, 0.7999, 0.7060
CMYK	0.79, 0.32, 0.00, 0.71
HSL	204°, 65%, 18%
HSV	204°, 79%, 29%
XYZ	2.6667, 2.9865, 7.0865
YIQ	43.2710, -28.5640, 0.0440

Conversions

Conversions Part 2

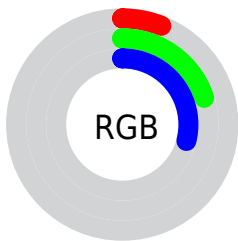
Format	Color
RYB	16, 38, 75
Decimal	1061707
CIELab	19.99, -3.20, -18.40
CIELCh	20, 18.673, 260.145
Yxy	2.9865, 0.2093, 0.2344
Android (android.graphics.Color)	4279251787 (0xFF10334B)
YUV	43.2710, 15.6424, -23.9167
Hunter-Lab	17.2815, -2.6982, -12.2156

Details

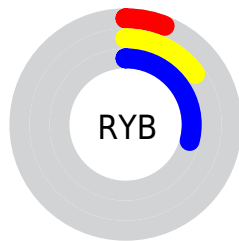
The YIQ color **43.2710, -28.5640, 0.0440** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **47.7290, 28.5640, -0.0440**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **91.1080, -26.5470, 2.0370**, and **4.7080, -10.5010, 8.5950** is the 20% darker color. If you saturate the color by 10%, you get **39.1180, -32.5070, -0.0830**, and if you desaturate by 10%, it is **47.1250, -25.2170, -0.0410**.

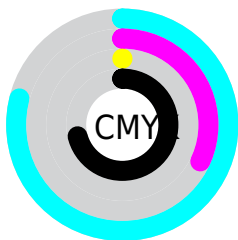
Distribution



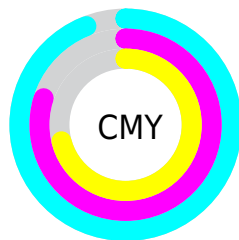
- Red (6%)
- Green (20%)
- Blue (29%)



- Red (6%)
- Yellow (15%)
- Blue (29%)



- Cyan (79%)
- Magenta (32%)
- Yellow (0%)
- Black (71%)



- Cyan (94%)
- Magenta (80%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.2710, -28.5640, 0.0440 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 43.2710, -28.5640, 0.0440 by changing the saturation by 10% instead.

■ 43.2710, -28.5640,
0.0440

■ 43.2710, -28.5640,
0.0440

■ 255.0000, -0.0000,
-0.0000

■ 23.5380, -24.9420,
0.4820

■ 91.1080, -26.5470,
2.0370

■ 4.7080, -10.5010,
8.5950

■ 116.5210,
-26.2720, 2.5600

■ 0.3420, -0.9630,
0.9330

■ 142.3360,
-27.1890, 2.6590

■ 0.0000, 0.0000,
0.0000

■ 168.7490,
-26.9140, 3.1820

■ 196.4500,
-27.5100, 2.9700

■ 223.8800,

-25.9050, 1.4150

■ 246.9270,
-16.0920, -5.7240

■ 43.2710, -28.5640,
0.0440

■ 43.2710, -28.5640,
0.0440

■ 39.1180, -32.5070,
-0.0830

■ 47.1250, -25.2170,
-0.0410

■ 35.2640, -35.8540,
0.0020

■ 51.2780, -21.2740,
0.0860

■ 34.9650, -36.4500,
-0.2100

■ 55.1320, -17.9270,
0.0010

■ 59.2850, -13.9840,
0.1280

■ 63.1390, -10.6370,
0.0430

■ 67.2920, -6.6940,
0.1700

■ 71.1460, -3.3470,
0.0850

■ 75.2990, 0.5960,
0.2120

■ 79.1530, 3.9430,
0.1270

Harmonies

Analogous

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



39.5640, -36.9990, -6.7830



43.2710, -28.5640, 0.0440



48.2950, -10.7760, 8.0720

Triad

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



43.2710, -28.5640, 0.0440



48.9920, 20.8140, 8.2540



44.0990, -5.1330, -11.6050

Complementary

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



43.2710, -28.5640, 0.0440



47.7290, 28.5640, -0.0440

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.



46.2100, 7.7960, -9.1320



43.2710, -28.5640, 0.0440



48.1890, 21.4570, 2.1050

Square

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



43.2710, -28.5640, 0.0440



49.8760, 15.4490, 11.8730



47.6350, 16.9650, -4.5950



40.4760, -22.3720, -13.0600

Rectangle

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



43.2710, -28.5640, 0.0440



49.8510, -0.5980, 10.8420



47.6350, 16.9650, -4.5950



45.2520, -1.1900, -11.4780

Sweetspot

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



43.2710, -28.5640, 0.0440



84.2530, -10.9580, 0.3540



53.3690, -23.9290, -23.3930



40.8790, -6.9690, -0.3530



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



43.2710, -28.5640, 0.0440



48.0720, -44.0610, 0.0590



26.2480, -20.5890, 15.2110



36.2170, -2.1090, -0.3250



47.4350, -49.5170, -0.1810



106.0520, -111.2300, 0.4020

Inverse Universe

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



37.6310, 23.9290, 23.3930



39.3650, 36.9020, 36.0860



64.7520, 20.5890, -15.2110



35.5380, 1.4210, 1.7810



37.4520, 41.2110, 40.5950



84.2740, 93.4240, 91.0560

Previews

White Background



This preview shows how the YIQ color 43.2710, -28.5640, 0.0440 looks on a white background.

Color Contrast Check

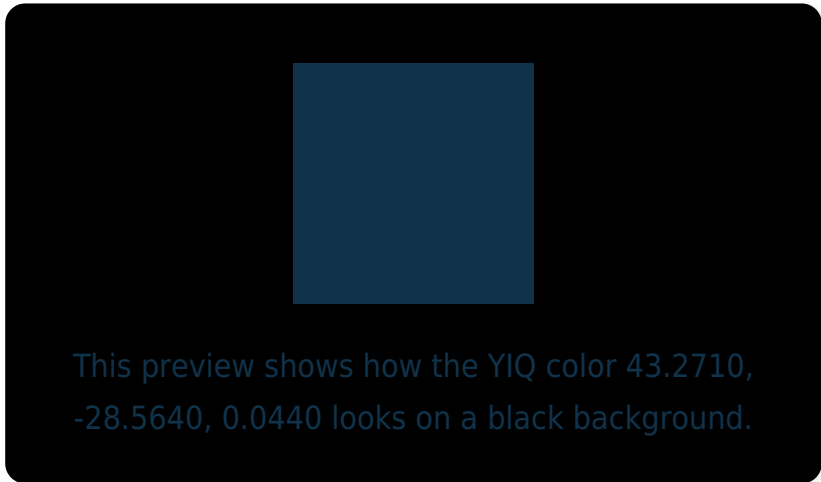
Large Text (above 18pt) WCAG AA ✓ Pass

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

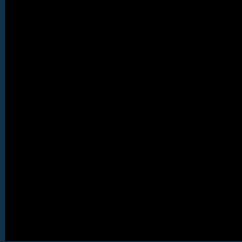
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.2710, -28.5640, 0.0440

Background



This preview shows how black text looks on a background with the YIQ color 43.2710, -28.5640, 0.0440.



This preview shows how white text looks on a background with the YIQ color 43.2710, -28.5640,

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

43.2710, -28.5640, 0.0440

Protanopia

48.3440, -12.4720, 5.7680

Deuteranopia

47.0060, -17.3320, 5.7400

Trichromacy



Original Color

43.2710, -28.5640, 0.0440

Protanomaly

46.3540, -18.4320, 3.6480

Deuteranomaly

45.5000, -21.7790, 3.7330

Monochromacy



Original Color

43.2710, -28.5640, 0.0440

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

43.1390, -10.6370, 0.0430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.2710, -28.5640, 0.0440 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(16, 51, 75)` looks like.

```
.text, #text, p{  
    color:rgb(16, 51, 75)  
}
```

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(16, 51, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 51, 75) }
```

Border

The CSS property to change the border of an element to YIQ 43.2710, -28.5640, 0.0440 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(16, 51, 75) }
```

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

```
.border{ border-color:rgb(16, 51, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 51, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 51, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 51, 75);  
box-shadow:4px 4px 4px 4px rgb(16, 51, 75)  
}
```


Background

The CSS property to change the background color of an element to YIQ 43.2710, -28.5640, 0.0440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 51, 75) }
```

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

```
.background{ background-color: rgb(16, 51,  
75) }
```

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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