

Converting Colors

YIQ(44.2810, 10.1750, 19.3510)

Have a look what the booklet for
YIQ(44.2810, 10.1750, 19.3510)
contains.

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Color

**YIQ(44.2810, 10.1750,
19.3510)**

Conversions

Conversions Part 1

Format	Color
Hex	421D42
RGB	66, 29, 66
RGB Percent	26%, 11%, 26%
CMY	0.7411, 0.8863, 0.7412
CMYK	0.00, 0.56, 0.00, 0.74
HSL	300°, 39%, 19%
HSV	300°, 56%, 26%
XYZ	3.6711, 2.4306, 5.4304
YIQ	44.2810, 10.1750, 19.3510

Conversions

Conversions Part 2

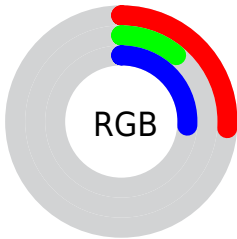
Format	Color
R_{YB}	66, 29, 66
Decimal	4332866
CIE _{Lab}	17.60, 24.18, -15.68
CIE _{LCh}	18, 28.821, 327.030
Yxy	2.4306, 0.3183, 0.2108
Android (android.graphics.Color)	4282522946 (0xFF421D42)
YUV	44.2810, 10.7075, 19.0476
Hunter-Lab	15.5903, 14.7490, -9.7385




Details

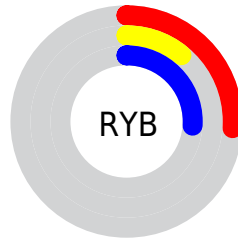
The YIQ color **44.2810, 10.1750, 19.3510** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **50.7190, -10.1750, -19.3510**, and the grayscale version is **44.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **91.4060, 11.3210, 20.6090**, and **8.6020, 4.5370, 11.3930** is the 20% darker color. If you saturate the color by 10%, you get **40.1720, 12.1000, 23.0120**, and if you desaturate by 10%, it is **48.3900, 8.2500, 15.6900**.

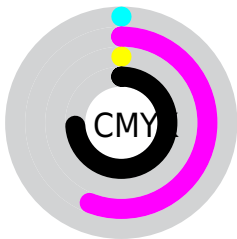
Distribution







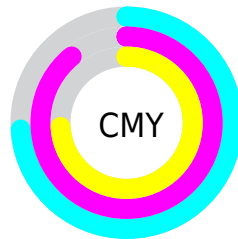
-  Red (26%)
-  Green (11%)
-  Blue (26%)






-  Red (26%)
-  Yellow (11%)
-  Blue (26%)



-  Cyan (0%)
-  Magenta (56%)
-  Yellow (0%)
-  Black (74%)



-  Cyan (74%)
-  Magenta (89%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.2810, 10.1750, 19.3510 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 44.2810, 10.1750, 19.3510 by changing the saturation by 10% instead.

44.2810, 10.1750,
19.3510

44.2810, 10.1750,
19.3510

255.0000, -0.0000,
-0.0000

21.9820, 9.5790,
19.1390

91.4060, 11.3210,
20.6090

8.6020, 4.5370,
11.3930

116.2320, 11.8710,
21.6550

0.0000, 0.0000,
0.0000

141.9440, 12.7420,
22.3900


168.3570, 13.0170,
22.9130


196.0690, 13.8880,
23.6480


224.1830, 13.5670,


23.9590


 242.0860, 6.0500,
11.5060


 44.2810, 10.1750,
19.3510


 44.2810, 10.1750,
19.3510


 40.1720, 12.1000,
23.0120


 48.3900, 8.2500,
15.6900

 36.6500, 13.7500,
26.1500


 51.9120, 6.6000,
12.5520


 32.5410, 15.6750,
29.8110

 56.0210, 4.6750,
8.8910

 29.0190, 17.3250,
32.9490

 59.5430, 3.0250,
5.7530

 27.2580, 18.1500,
34.5180

 63.6520, 1.1000,
2.0920

■ 67.7610, -0.8250,
-1.5690

■ 71.2830, -2.4750,
-4.7070

■ 75.3920, -4.4000,
-8.3680

■ 78.9140, -6.0500,
-11.5060

Harmonies

Analogous

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



43.6740, -13.1610, 12.7510



44.2810, 10.1750, 19.3510



41.7790, 26.2680, 19.5480

Triad

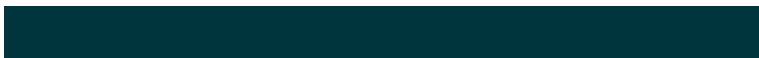
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.2810, 10.1750, 19.3510



40.8110, 22.1010, -9.5710



38.0650, -34.1560, -8.7480

Complementary

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



44.2810, 10.1750, 19.3510



50.7190, -10.1750, -19.3510

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.



35.6710, -27.4150, -15.2790



44.2810, 10.1750, 19.3510



38.3530, 8.5310, -16.9490

Square

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



44.2810, 10.1750, 19.3510



41.0560, 31.9570, -0.9630



33.0000, -18.3360, -20.1280



38.8290, -39.0630, -2.4150

Rectangle

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



44.2810, 10.1750, 19.3510



41.0690, 31.0830, 14.8830



33.0000, -18.3360, -20.1280



37.3810, -32.2300, -10.6140

Sweetspot

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



44.2810, 10.1750, 19.3510



78.1950, 4.1250, 7.8450



33.2180, -11.8770, 11.5070



38.3040, 2.2000, 4.1840



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.



44.2810, 10.1750, 19.3510



52.9540, 15.9500, 30.3340



42.2290, 15.9530, 13.7530



31.2390, 0.8250, 1.5690



40.0610, 26.6750, 50.7310



92.5120, 61.6000, 117.1520

Inverse Universe

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



44.2810, 10.1750, 19.3510



52.9540, 15.9500, 30.3340



52.8850, -16.2740, -13.4420



31.2390, 0.8250, 1.5690



40.0610, 26.6750, 50.7310



92.5120, 61.6000, 117.1520

Previews

White Background



This preview shows how the YIQ color 44.2810, 10.1750, 19.3510 looks on a white background.

Color Contrast Check

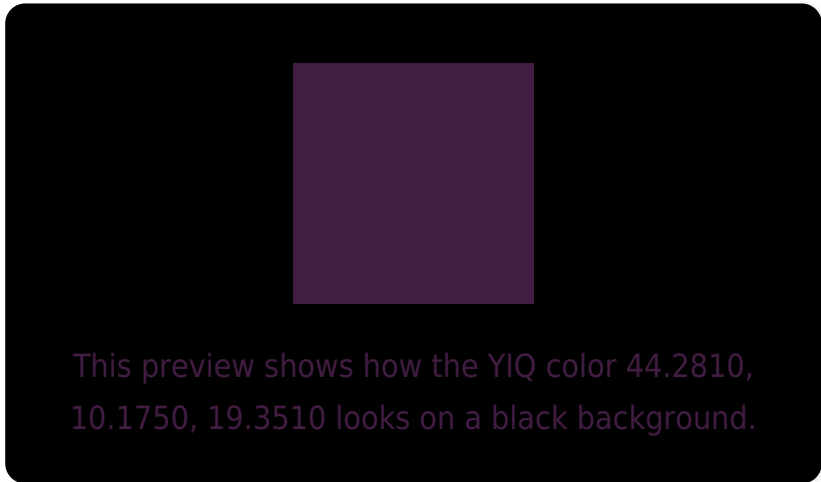
Large Text (above 18pt) WCAG AA ✓ Pass

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

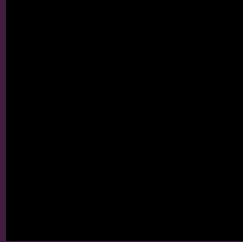
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 44.2810, 10.1750, 19.3510

Background



This preview shows how black text looks on a background with the YIQ color 44.2810, 10.1750, 19.3510.



This preview shows how white text looks on a background with the YIQ color 44.2810, 10.1750,

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

44.2810, 10.1750, 19.3510

Protanopia

42.2060, -20.7710, 7.4930

Deuteranopia

43.7740, -10.8670, 4.2130



Tritanopia

44.4150, 15.1290, 6.6570

Trichromacy



Original Color

44.2810, 10.1750, 19.3510

Protanomaly

43.0010, -9.7680, 11.8320

Deuteranomaly

44.2420, -3.2570, 9.4710

Tritanomaly

44.0930, 13.3400, 11.5480

Monochromacy



Original Color

44.2810, 10.1750, 19.3510

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

44.3690, 3.5750, 6.7990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.2810, 10.1750, 19.3510 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(66, 29, 66)` looks like.

```
.text, #text, p{  
    color:rgb(66, 29, 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(66, 29, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 29, 66) }
```

Border

The CSS property to change the border of an element to YIQ 44.2810, 10.1750, 19.3510 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(66, 29, 66) }
```


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

```
.border{ border-color:rgb(66, 29, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 29, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 29, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 29, 66);  
box-shadow:4px 4px 4px 4px rgb(66, 29, 66)  
}
```

Background

The CSS property to change the background color of an element to YIQ 44.2810, 10.1750, 19.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 29, 66) }
```

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

```
.background{ background-color: rgb(66, 29,  
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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