

Converting Colors

YIQ(29.2250, 4.5810, 21.6130)

Have a look what the booklet for
YIQ(29.2250, 4.5810, 21.6130)
contains.

YIQ(29.2250, 4.5810, 21.6130)	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(29.2250, 4.5810,
21.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	2F0E3D
RGB	47, 14, 61
RGB Percent	18%, 5%, 24%
CMY	0.8156, 0.9451, 0.7608
CMYK	0.23, 0.77, 0.00, 0.76
HSL	282°, 63%, 15%
HSV	282°, 77%, 24%
XYZ	2.1726, 1.2556, 4.5421
YIQ	29.2250, 4.5810, 21.6130

Conversions

Conversions Part 2

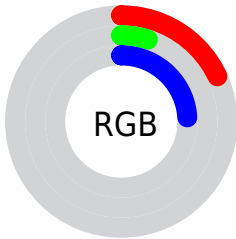
Format	Color
R_YB	47, 14, 61
Decimal	3083837
CIE Lab	10.96, 25.69, -22.88
CIE LCh	11, 34.399, 318.312
Yxy	1.2556, 0.2726, 0.1575
Android (android.graphics.Color)	4281273917 (0xFF2F0E3D)
YUV	29.2250, 15.6651, 15.5887
Hunter-Lab	11.2052, 15.0004, -16.1897




Details

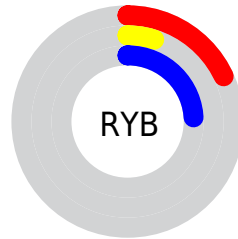
The YIQ color **29.2250, 4.5810, 21.6130** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **45.7750, -4.5810, -21.6130**, and the grayscale version is **29.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **75.4640, 5.4060, 23.1820**, and **2.5250, -5.7320, 4.7640** is the 20% darker color. If you saturate the color by 10%, you get **25.1050, 5.0390, 24.3270**, and if you desaturate by 10%, it is **33.3450, 4.1230, 18.8990**.

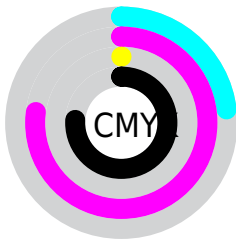
Distribution







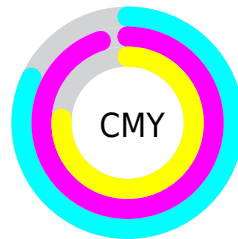
-  Red (18%)
-  Green (5%)
-  Blue (24%)






-  Red (18%)
-  Yellow (5%)
-  Blue (24%)



-  Cyan (23%)
-  Magenta (77%)
-  Yellow (0%)
-  Black (76%)



-  Cyan (82%)
-  Magenta (95%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 29.2250, 4.5810, 21.6130 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 29.2250, 4.5810, 21.6130 by changing the saturation by 10% instead.

■ 29.2250, 4.5810,
21.6130

■ 29.2250, 4.5810,
21.6130

■ 247.3690, 3.5750,
6.7990

■ 13.1170, 4.7650,
18.2770

■ 75.4640, 5.4060,
23.1820

■ 2.4110, -5.4110,
4.4530

■ 99.2900, 5.9560,
24.2280

■ 0.0000, 0.0000,
0.0000


■ 125.1160, 6.5060,
25.2740


■ 151.5290, 6.7810,
25.7970

■ 178.0560, 6.7350,
26.6310


■ 205.7680, 7.6060,

27.3660

 230.9330, 11.2750,
21.4430

 29.2250, 4.5810,
21.6130


 29.2250, 4.5810,
21.6130

 25.1050, 5.0390,
24.3270


 33.3450, 4.1230,
18.8990


 20.9850, 5.4970,
27.0410

 37.4650, 3.6650,
16.1850

 19.8110, 6.0470,
28.0870

 41.2860, 2.6110,
13.2590

 45.4060, 2.1530,
10.5450

 49.5260, 1.6950,
7.8310

■ 54.2330, 0.9620,
4.5940

■ 58.3530, 0.5040,
1.8800

■ 62.4730, 0.0460,
-0.8340

■ 66.2940, -1.0080,
-3.7600

Harmonies

Analogous

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



24.3990, -31.5000, 9.2040



29.2250, 4.5810, 21.6130



23.9950, 25.9000, 26.2200

Triad

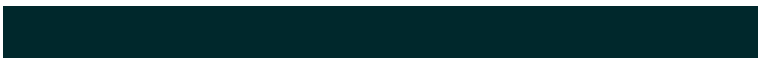
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.2250, 4.5810, 21.6130



28.1300, 19.9450, -3.5350



28.4960, -25.1240, -7.2360

Complementary

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



29.2250, 4.5810, 21.6130



45.7750, -4.5810, -21.6130

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.



25.0590, -16.8240, -14.4880



29.2250, 4.5810, 21.6130



26.8460, 5.8250, -11.9590

Square

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



29.2250, 4.5810, 21.6130



25.2830, 33.0560, 6.6560



21.7190, -10.1750, -19.3510



30.1890, -31.2690, -0.4930

Rectangle

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



29.2250, 4.5810, 21.6130



23.3670, 33.4200, 22.0920



21.7190, -10.1750, -19.3510



27.4700, -22.2350, -10.0350

Sweetspot

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



29.2250, 4.5810, 21.6130



66.9390, 1.9700, 8.3540



27.5760, -18.9370, 7.2950



32.7600, 0.9160, 5.4280



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



29.2250, 4.5810, 21.6130



29.5710, 6.9630, 33.5150



32.3850, 15.8140, 21.7820



28.9400, 0.2290, 1.3570



30.4500, 9.1620, 43.2260



71.9520, 21.7140, 102.1140

Inverse Universe

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



29.6490, 23.5180, 14.3180



30.3350, 36.4460, 22.3180



42.6150, -15.8140, -21.7820



28.8970, 1.7880, 0.6360



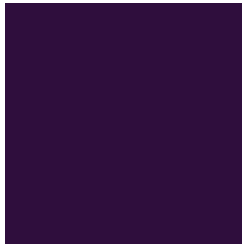
31.2980, 47.0360, 28.6360



73.9020, 111.1260, 67.5900

Previews

White Background



This preview shows how the YIQ color 29.2250, 4.5810, 21.6130 looks on a white background.

Color Contrast Check

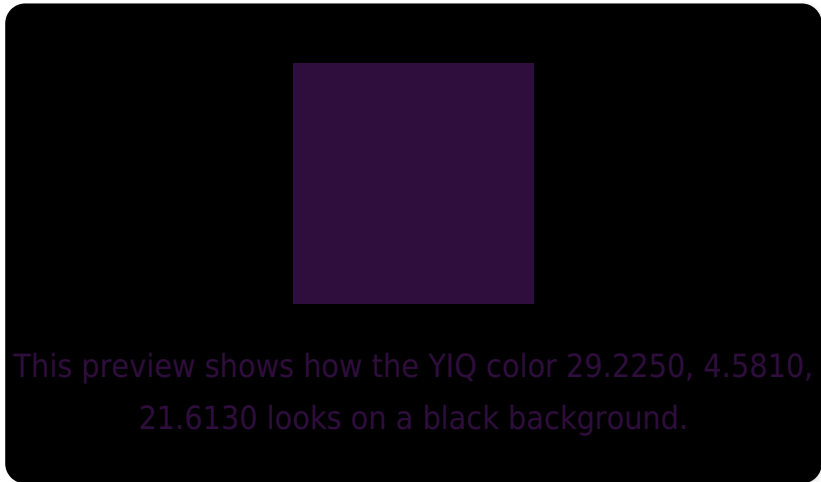
Large Text (above 18pt) WCAG AA ✓ Pass

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

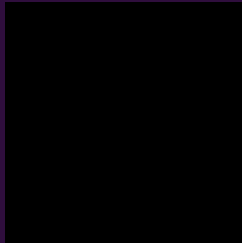
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 29.2250, 4.5810, 21.6130

Background



This preview shows how black text looks on a background with the YIQ color 29.2250, 4.5810, 21.6130.



This preview shows how white text looks on a background with the YIQ color 29.2250, 4.5810,

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

29.2250, 4.5810, 21.6130

Protanopia

24.7920, -28.4730, 3.9030

Deuteranopia

25.1680, -26.7760, 0.6800



Tritanopia

31.7130, 8.2980, 3.8020

Trichromacy



Original Color

29.2250, 4.5810, 21.6130

Protanomaly

26.2390, -16.3700, 10.3340

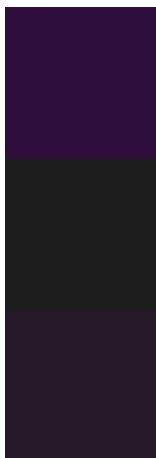
Deuteranomaly

26.3700, -15.3610, 8.5670

Tritanomaly

30.7440, 7.0130, 10.5730

Monochromacy



Original Color

29.2250, 4.5810, 21.6130

Achromatopsia

29.0000, -0.0000, 0.0000

Achromatomaly

29.5260, 1.6950, 7.8310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 29.2250, 4.5810, 21.6130 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(47, 14, 61)` looks like.

```
.text, #text, p{  
    color:rgb(47, 14, 61)  
}
```

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(47, 14, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 14, 61) }
```

Border

The CSS property to change the border of an element to YIQ 29.2250, 4.5810, 21.6130 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(47, 14, 61) }
```


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

```
.border{ border-color:rgb(47, 14, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 14, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 14, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 14, 61);  
box-shadow:4px 4px 4px 4px rgb(47, 14, 61)  
}
```

Background

The CSS property to change the background color of an element to YIQ 29.2250, 4.5810, 21.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 14, 61) }
```

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

```
.background{ background-color: rgb(47, 14,  
61) }
```

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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