

Converting Colors

YIQ(21.6180, 7.6080, 16.3120)

Have a look what the booklet for
YIQ(21.6180, 7.6080, 16.3120)
contains.

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Color

**YIQ(21.6180, 7.6080,
16.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	270929
RGB	39, 9, 41
RGB Percent	15%, 4%, 16%
CMY	0.8470, 0.9648, 0.8392
CMYK	0.05, 0.78, 0.00, 0.84
HSL	296°, 64%, 10%
HSV	296°, 78%, 16%
XYZ	1.3354, 0.7870, 2.1795
YIQ	21.6180, 7.6080, 16.3120

Conversions

Conversions Part 2

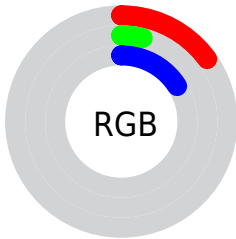
Format	Color
R_{YB}	39, 9, 41
Decimal	2558249
CIE _{Lab}	7.11, 21.04, -14.46
CIE _{LCh}	7, 25.532, 325.503
Yxy	0.7870, 0.3104, 0.1829
Android (android.graphics.Color)	4280748329 (0xFF270929)
YUV	21.6180, 9.5553, 15.2440
Hunter-Lab	8.8713, 11.3449, -8.3563




Details

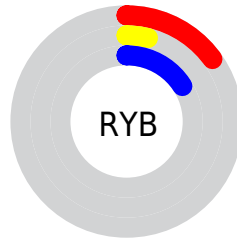
The YIQ color **21.6180, 7.6080, 16.3120** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **28.3820, -7.6080, -16.3120**, and the grayscale version is **22.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **66.3300, 8.4790, 17.0470**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.2700, 8.7080, 18.4040**, and if you desaturate by 10%, it is **23.9660, 6.5080, 14.2200**.

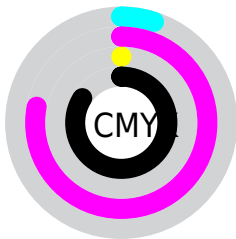
Distribution







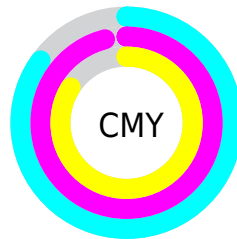
-  Red (15%)
-  Green (4%)
-  Blue (16%)






-  Red (15%)
-  Yellow (4%)
-  Blue (16%)



-  Cyan (5%)
-  Magenta (78%)
-  Yellow (0%)
-  Black (84%)



-  Cyan (85%)
-  Magenta (96%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 21.6180, 7.6080, 16.3120 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 21.6180, 7.6080, 16.3120 by changing the saturation by 10% instead.

■ 21.6180, 7.6080,
16.3120

■ 21.6180, 7.6080,
16.3120

■ 242.6730, 5.7750,
10.9830

■ 5.5690, 0.1360,
8.5520

■ 66.3300, 8.4790,
17.0470

■ 0.0000, 0.0000,
0.0000

■ 90.1560, 9.0290,
18.0930

■ 114.8680, 9.9000,
18.8280

■ 140.3950, 9.8540,
19.6620

■ 167.1070, 10.7250,
20.3970

■ 194.4060, 11.3210,

20.6090

■ 222.5200, 11.0000,
20.9200

■ 21.6180, 7.6080,
16.3120

■ 21.6180, 7.6080,
16.3120

■ 19.2700, 8.7080,
18.4040

■ 23.9660, 6.5080,
14.2200

■ 16.9220, 9.8080,
20.4960

■ 26.6130, 6.0040,
12.3400

■ 16.0360, 9.4870,
20.8070

■ 28.9610, 4.9040,
10.2480

■ 31.3090, 3.8040,
8.1560

■ 33.6570, 2.7040,
6.0640

■ 36.8910, 1.9250,
3.6610

■ 39.2390, 0.8250,
1.5690

■ 41.5870, -0.2750,
-0.5230

■ 43.9350, -1.3750,
-2.6150

Harmonies

Analogous

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



20.6800, -13.2980, 9.7260



21.6180, 7.6080, 16.3120



19.2620, 20.3540, 16.5940

Triad

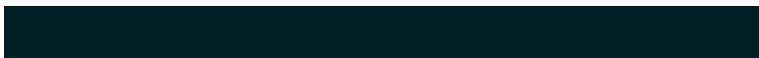
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.6180, 7.6080, 16.3120



21.0090, 12.9760, -3.8880



22.3010, -20.0810, -5.0170

Complementary

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



21.6180, 7.6080, 16.3120



28.3820, -7.6080, -16.3120

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.



20.2490, -14.3030, -10.6150



21.6180, 7.6080, 16.3120



18.5510, -0.5940, -11.2660

Square

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



21.6180, 7.6080, 16.3120



19.9010, 22.3280, 2.8400



17.0230, -7.9750, -15.1670



22.6090, -23.7040, 0.0720

Rectangle

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



21.6180, 7.6080, 16.3120



18.2640, 26.0400, 12.6640



17.0230, -7.9750, -15.1670



21.6170, -18.1550, -6.8830

Sweetspot

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



21.6180, 7.6080, 16.3120



46.0700, 2.9790, 6.5870



13.8220, -10.8220, 8.9060



23.3040, 2.2000, 4.1840



156.0000, -0.0000, -0.0000



28.0000, -0.0000, 0.0000

Same Dimension

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



21.6180, 7.6080, 16.3120



22.8670, 11.6410, 25.8250



20.6200, 13.2940, 12.3820



18.8260, 0.5500, 1.0460



33.1970, 20.1200, 42.8720



83.6690, 50.5520, 108.1200

Inverse Universe

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



18.7960, 18.4300, 7.4060



18.5910, 29.4330, 11.7450



29.3800, -13.2940, -12.3820



18.5980, 1.1920, 0.4240



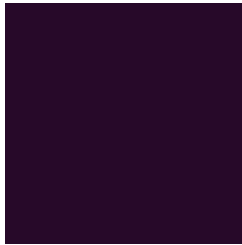
25.6860, 48.4590, 19.3630



64.8700, 122.1790, 48.9870

Previews

White Background



This preview shows how the YIQ color 21.6180, 7.6080, 16.3120 looks on a white background.

Color Contrast Check

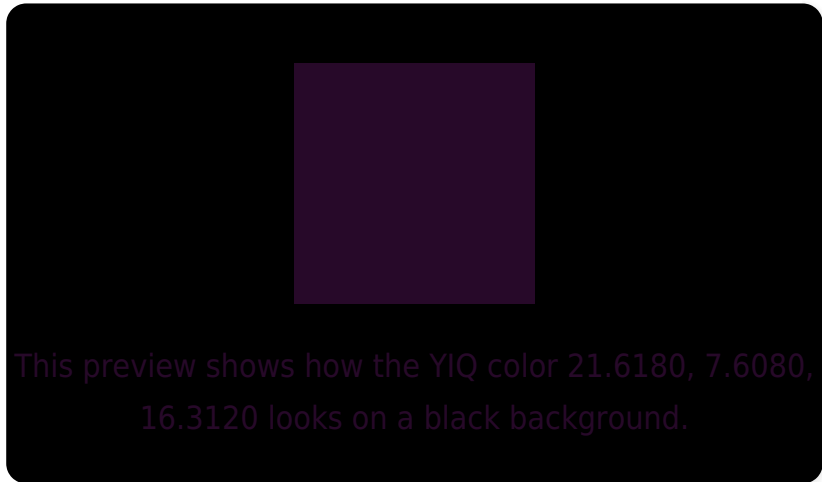
Large Text (above 18pt) WCAG AA ✓ Pass

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

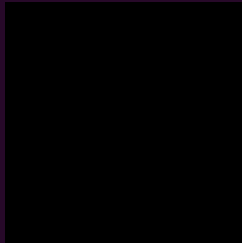
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 21.6180, 7.6080, 16.3120

Background



This preview shows how black text looks on a background with the YIQ color 21.6180, 7.6080, 16.3120.



This preview shows how white text looks on a background with the YIQ color 21.6180, 7.6080,

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

21.6180, 7.6080, 16.3120

Protanopia

18.9730, -21.7330, 2.8990

Deuteranopia

22.7200, -10.7750, 2.5450



Tritanopia

23.4960, 10.4070, 4.1270

Trichromacy



Original Color

21.6180, 7.6080, 16.3120

Protanomaly

19.8820, -11.0510, 7.5490

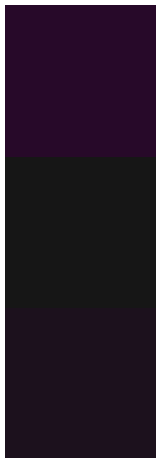
Deuteranomaly

22.5900, -4.3570, 7.3790

Tritanomaly

22.9460, 9.2600, 8.3960

Monochromacy



Original Color

21.6180, 7.6080, 16.3120

Achromatopsia

22.0000, -0.0000, -0.0000

Achromatomaly

21.6570, 2.7040, 6.0640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 21.6180, 7.6080, 16.3120 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(39, 9, 41)` looks like.

```
.text, #text, p{  
    color:rgb(39, 9, 41)  
}
```

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(39, 9, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 9, 41) }
```

Border

The CSS property to change the border of an element to YIQ 21.6180, 7.6080, 16.3120 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(39, 9, 41) }
```


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

```
.border{ border-color:rgb(39, 9, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 9, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 9, 41); -webkit-box-shadow:4px  
4px 4px 4px rgb(39, 9, 41); box-shadow:4px  
4px 4px 4px rgb(39, 9, 41) }
```

Background

The CSS property to change the background color of an element to YIQ 21.6180, 7.6080, 16.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 9, 41) }
```

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

```
.background{ background-color: rgb(39, 9,  
41) }
```

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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