

Converting Colors

YIQ(21.7450, 23.6080, 23.7040)

Have a look what the booklet for
YIQ(21.7450, 23.6080, 23.7040)
contains.

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Color

**YIQ(21.7450, 23.6080,
23.7040)**

Conversions

Conversions Part 1

Format	Color
Hex	3B0024
RGB	59, 0, 36
RGB Percent	23%, 0%, 14%
CMY	0.7685, 1.0000, 0.8588
CMYK	0.00, 1.00, 0.39, 0.77
HSL	323°, 100%, 12%
HSV	323°, 100%, 23%
XYZ	2.1248, 1.0586, 1.7627
YIQ	21.7450, 23.6080, 23.7040

Conversions

Conversions Part 2

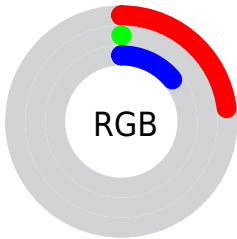
Format	Color
R_{YB}	59, 0, 36
Decimal	3866660
CIE Lab	9.47, 31.07, -6.68
CIE LCh	9, 31.778, 347.863
Yxy	1.0586, 0.4296, 0.2140
Android (android.graphics.Color)	4282056740 (0xFF3B0024)
YUV	21.7450, 7.0277, 32.6726
Hunter-Lab	10.2886, 18.8585, -2.9561

Details

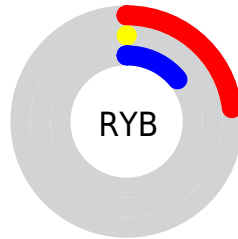
The YIQ color **21.7450, 23.6080, 23.7040** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **37.2550, -23.6080, -23.7040**, and the grayscale version is **22.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **70.4740, 25.8090, 22.3610**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.7450, 23.6080, 23.7040**, and if you desaturate by 10%, it is **25.4950, 21.3160, 21.1880**.

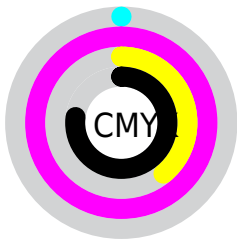
Distribution



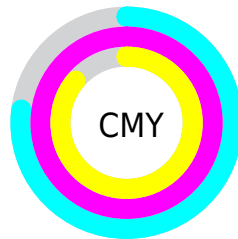
- Red (23%)
- Green (0%)
- Blue (14%)



- Red (23%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (39%)
- Black (77%)





- Cyan (77%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 21.7450, 23.6080, 23.7040 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 21.7450, 23.6080, 23.7040 by changing the saturation by 10% instead.

 21.7450, 23.6080,
23.7040


 21.7450, 23.6080,
23.7040


 241.4990, 6.3250,
12.0290


 13.6700, 19.0250,
13.1450


 70.5880, 25.4880,
22.6720

 0.0000, 0.0000,
0.0000

 95.4850, 27.2760,
23.3080

 120.4960, 28.7430,
24.2550

 147.0940, 29.9350,
24.6790

 173.8060, 30.8060,
25.4140

 201.4040, 31.9980,

25.8380

■ 223.2390, 19.1610,
21.6970

■ 21.7450, 23.6080,
23.7040

■ 25.4950, 21.3160,
21.1880

■ 29.3590, 18.7030,
18.9830

■ 33.1090, 16.4110,
16.4670

■ 36.8590, 14.1190,
13.9510

■ 40.7230, 11.5060,
11.7460

■ 43.8860, 9.4890,
9.7530

■ 47.6360, 7.1970,
7.2370

■ 51.3860, 4.9050,
4.7210

■ 55.2500, 2.2920,
2.5160

Harmonies

Analogous

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



26.4590, 3.8020, 19.2100



21.7450, 23.6080, 23.7040



20.3190, 33.3750, 17.3990

Triad

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



21.7450, 23.6080, 23.7040



23.9000, 5.7330, -10.2910



27.1570, -28.2430, -0.2670

Complementary

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



21.7450, 23.6080, 23.7040



37.2550, -23.6080, -23.7040

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.



26.1650, -22.6940, -7.2220



21.7450, 23.6080, 23.7040



19.9580, -9.3500, -17.7820

Square

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



21.7450, 23.6080, 23.7040



25.1730, 18.3860, -2.8140



22.9560, -15.0360, -13.8520



26.6500, -30.9490, 4.7230

Rectangle

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



21.7450, 23.6080, 23.7040



21.1630, 33.5140, 9.3700



22.9560, -15.0360, -13.8520



27.0600, -26.5920, -2.6560

Sweetspot

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



21.7450, 23.6080, 23.7040



62.4730, 9.2140, 9.2300



13.6030, -5.2310, 23.2250



29.2120, 5.4550, 5.7670



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



21.7450, 23.6080, 23.7040



28.3810, 30.8050, 30.9410



18.4390, 32.9170, 14.6850



29.0110, 1.4670, 0.9470



34.7180, 37.4060, 37.9660



81.7680, 88.9770, 89.0490

Inverse Universe

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



21.7450, 23.6080, 23.7040



28.3810, 30.8050, 30.9410



40.5610, -32.9170, -14.6850



29.0110, 1.4670, 0.9470



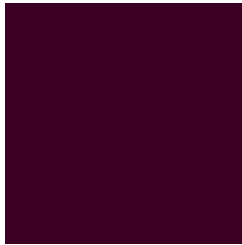
34.7180, 37.4060, 37.9660



81.7680, 88.9770, 89.0490

Previews

White Background



This preview shows how the YIQ color 21.7450, 23.6080, 23.7040 looks on a white background.

Color Contrast Check

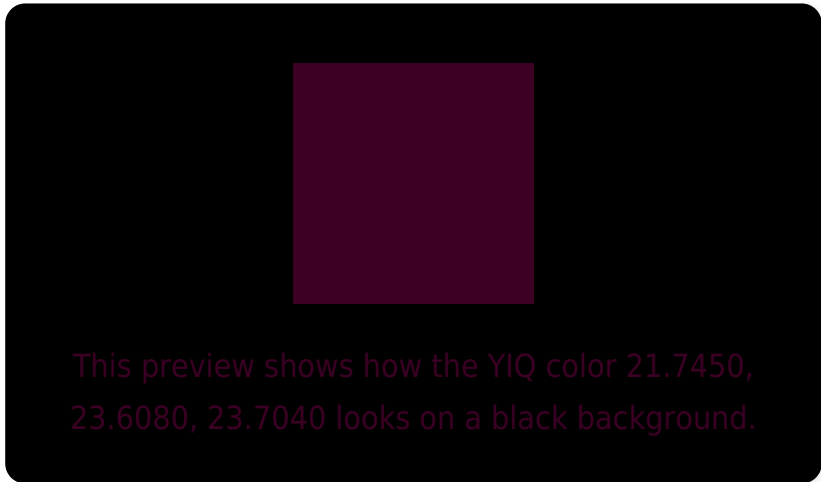
Large Text (above 18pt) WCAG AA ✓ Pass

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

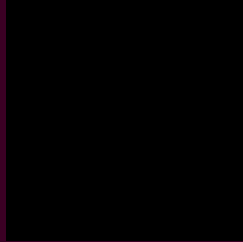
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 21.7450, 23.6080, 23.7040

Background



This preview shows how black text looks on a background with the YIQ color 21.7450, 23.6080, 23.7040.



This preview shows how white text looks on a background with the YIQ color 21.7450, 23.6080,

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

21.7450, 23.6080, 23.7040

Protanopia

31.0020, -11.5090, 4.8350

Deuteranopia

31.2390, 0.8250, 1.5690



Tritanopia

27.2700, 25.9030, 9.6390

Trichromacy



Original Color

21.7450, 23.6080, 23.7040

Protanomaly

27.7480, 1.1900, 11.4780

Deuteranomaly

27.5870, 8.8930, 9.5410

Tritanomaly

25.2470, 24.7100, 14.7420

Monochromacy



Original Color

21.7450, 23.6080, 23.7040

Achromatopsia

22.0000, -0.0000, -0.0000

Achromatomaly

21.7610, 8.3430, 8.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 21.7450, 23.6080, 23.7040 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(59, 0, 36)` looks like.

```
.text, #text, p{  
    color:rgb(59, 0, 36)  
}
```

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(59, 0, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 0, 36) }
```

Border

The CSS property to change the border of an element to YIQ 21.7450, 23.6080, 23.7040 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(59, 0, 36) }
```


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

```
.border{ border-color:rgb(59, 0, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 0, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 0, 36); -webkit-box-shadow:4px  
4px 4px 4px rgb(59, 0, 36); box-shadow:4px  
4px 4px 4px rgb(59, 0, 36) }
```

Background

The CSS property to change the background color of an element to YIQ 21.7450, 23.6080, 23.7040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 0, 36) }
```

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

```
.background{ background-color: rgb(59, 0,  
36) }
```

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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