

Converting Colors

YIQ(23.6410, 17.9690, 21.2730)

Have a look what the booklet for
YIQ(23.6410, 17.9690, 21.2730)
contains.

YIQ(23.6410, 17.9690, 21.2730)	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(23.6410, 17.9690,
21.2730)**

Conversions

Conversions Part 1

Format	Color
Hex	360528
RGB	54, 5, 40
RGB Percent	21%, 2%, 16%
CMY	0.7881, 0.9805, 0.8431
CMYK	0.00, 0.91, 0.26, 0.79
HSL	317°, 83%, 12%
HSV	317°, 91%, 21%
XYZ	1.9605, 1.0466, 2.1072
YIQ	23.6410, 17.9690, 21.2730

Conversions

Conversions Part 2

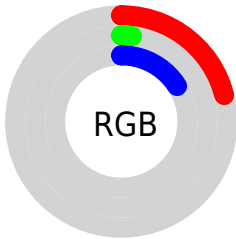
Format	Color
RYB	54, 5, 40
Decimal	3540264
CIELab	9.37, 27.75, -9.95
CIELCh	9, 29.482, 340.279
Yxy	1.0466, 0.3833, 0.2046
Android (android.graphics.Color)	4281730344 (0xFF360528)
YUV	23.6410, 8.0650, 26.6248
Hunter-Lab	10.2304, 16.3026, -5.0507




Details

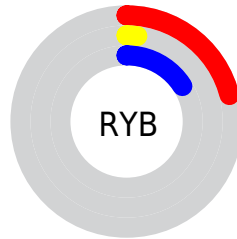
The YIQ color **23.6410, 17.9690, 21.2730** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **35.3590, -17.9690, -21.2730**, and the grayscale version is **24.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **71.0110, 19.8030, 21.0750**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.5920, 19.6650, 23.5770**, and if you desaturate by 10%, it is **26.8040, 15.9520, 19.2800**.

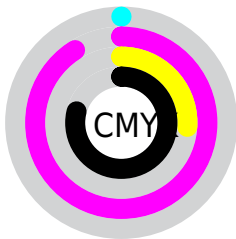
Distribution







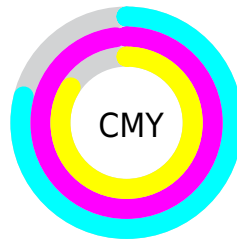
-  Red (21%)
-  Green (2%)
-  Blue (16%)






-  Red (21%)
-  Yellow (2%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (91%)
-  Yellow (26%)
-  Black (79%)



-  Cyan (79%)
-  Magenta (98%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 23.6410, 17.9690, 21.2730 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 23.6410, 17.9690, 21.2730 by changing the saturation by 10% instead.

■ 23.6410, 17.9690,
21.2730

■ 23.6410, 17.9690,
21.2730

■ 243.2600, 5.5000,
10.4600

■ 12.7450, 14.4400,
13.6400

■ 71.0110, 19.8030,
21.0750

■ 0.0000, 0.0000,
0.0000

■ 95.6090, 20.9950,
21.4990

■ 120.7340, 22.1410,
22.7570


■ 147.0330, 22.7370,
22.9690


■ 173.7450, 23.6080,
23.7040


■ 201.4570, 24.4790,


24.4390


 225.5700, 16.7310,
21.6830


 23.6410, 17.9690,
21.2730


 23.6410, 17.9690,
21.2730


 20.5920, 19.6650,
23.5770

 26.8040, 15.9520,
19.2800

 30.4400, 13.9810,
16.4530

 33.6030, 11.9640,
14.4600

 37.2390, 9.9930,
11.6330

 40.4020, 7.9760,
9.6400

■ 43.4510, 6.2800,
7.3360

■ 47.2010, 3.9880,
4.8200

■ 50.2500, 2.2920,
2.5160

■ 54.0000, -0.0000,
0.0000

Harmonies

Analogous

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



26.6430, -2.7080, 16.0440



23.6410, 17.9690, 21.2730



20.8070, 29.0650, 18.4170

Triad

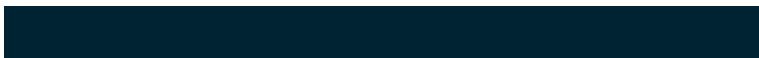
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23.6410, 17.9690, 21.2730



24.8080, 8.9880, -8.7080



26.4730, -26.3170, -2.1330

Complementary

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



23.6410, 17.9690, 21.2730



35.3590, -17.9690, -21.2730

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.



24.8940, -20.4930, -8.5650



23.6410, 17.9690, 21.2730



19.6810, -7.0120, -16.1000

Square

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



23.6410, 17.9690, 21.2730



25.1950, 21.3200, -0.9200



21.5710, -12.5140, -15.5060



26.0800, -29.3440, 3.1680

Rectangle

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



23.6410, 17.9690, 21.2730



20.5760, 33.7890, 9.8930



21.5710, -12.5140, -15.5060



26.3760, -24.6660, -4.5220

Sweetspot

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



23.6410, 17.9690, 21.2730



59.2770, 6.8300, 8.3820



14.7720, -7.3850, 18.2070



28.5000, 4.5840, 5.0320



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



23.6410, 17.9690, 21.2730



27.0430, 25.9450, 30.9130



20.9050, 25.6730, 13.8090



26.1250, 1.1460, 1.2580



35.0320, 33.6460, 40.0300



83.3790, 80.1270, 95.2550

Inverse Universe

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



23.6410, 17.9690, 21.2730



27.0430, 25.9450, 30.9130



38.0950, -25.6730, -13.8090



26.1250, 1.1460, 1.2580



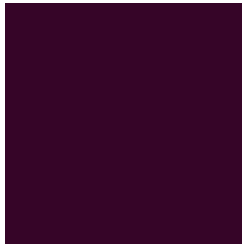
35.0320, 33.6460, 40.0300



83.3790, 80.1270, 95.2550

Previews

White Background



This preview shows how the YIQ color 23.6410, 17.9690, 21.2730 looks on a white background.

Color Contrast Check

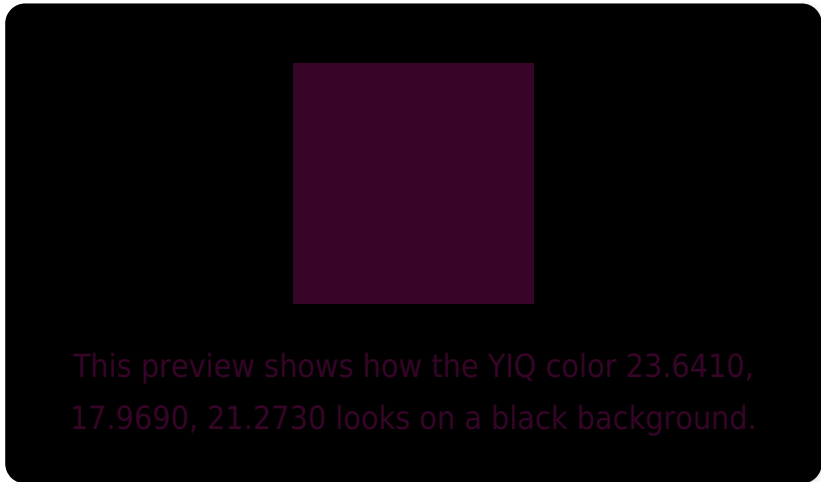
Large Text (above 18pt) WCAG AA ✓ Pass

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

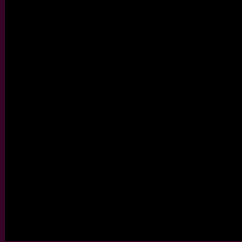
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 23.6410, 17.9690, 21.2730

Background



This preview shows how black text looks on a background with the YIQ color 23.6410, 17.9690, 21.2730.



This preview shows how white text looks on a background with the YIQ color 23.6410, 17.9690,

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

23.6410, 17.9690, 21.2730

Protanopia

27.5930, -17.6070, 5.2170

Deuteranopia

29.6130, -3.1640, 2.2760



Tritanopia

26.8780, 21.1350, 7.9430

Trichromacy



Original Color

23.6410, 17.9690, 21.2730

Protanomaly

26.1110, -4.2660, 11.2380

Deuteranomaly

27.1350, 4.3540, 9.2020

Tritanomaly

25.7410, 20.2630, 12.7350

Monochromacy



Original Color

23.6410, 17.9690, 21.2730

Achromatopsia

24.0000, -0.0000, 0.0000

Achromatomaly

23.8640, 6.5550, 7.8590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 23.6410, 17.9690, 21.2730 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(54, 5, 40)` looks like.

```
.text, #text, p{  
    color:rgb(54, 5, 40)  
}
```

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(54, 5, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 5, 40) }
```

Border

The CSS property to change the border of an element to YIQ 23.6410, 17.9690, 21.2730 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(54, 5, 40) }
```


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

```
.border{ border-color:rgb(54, 5, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 5, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 5, 40); -webkit-box-shadow:4px  
4px 4px 4px rgb(54, 5, 40); box-shadow:4px  
4px 4px 4px rgb(54, 5, 40) }
```

Background

The CSS property to change the background color of an element to YIQ 23.6410, 17.9690, 21.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 5, 40) }
```

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

```
.background{ background-color: rgb(54, 5,  
40) }
```

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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