

Converting Colors

YIQ(77.4290, -23.0170, 4.1430)

Have a look what the booklet for
YIQ(77.4290, -23.0170, 4.1430)
contains.

YIQ(77.4290, -23.0170, 4.1430)	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(77.4290, -23.0170,
4.1430)**

Conversions

Conversions Part 1

Format	Color
Hex	3A516E
RGB	58, 81, 110
RGB Percent	23%, 32%, 43%
CMY	0.7726, 0.6823, 0.5687
CMYK	0.47, 0.26, 0.00, 0.57
HSL	213°, 31%, 33%
HSV	213°, 47%, 43%
XYZ	7.5004, 7.9107, 15.8752
YIQ	77.4290, -23.0170, 4.1430

Conversions

Conversions Part 2

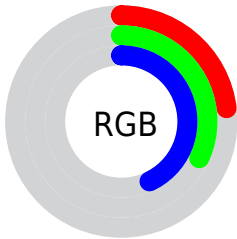
Format	Color
R_{YB}	58, 74, 110
Decimal	3821934
CIE _{Lab}	33.80, -0.18, -19.41
CIE _{LCh}	34, 19.410, 269.480
Yxy	7.9107, 0.2397, 0.2528
Android (android.graphics.Color)	4282012014 (0xFF3A516E)
YUV	77.4290, 16.0575, -17.0392
Hunter-Lab	28.1260, -1.6195, -13.7769

Details

The YIQ color **77.4290, -23.0170, 4.1430** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **90.5710, 23.0170, -4.1430**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.0700, -23.3840, 5.2880**, and **30.5810, -26.5010, 1.2030** is the 20% darker color. If you saturate the color by 10%, you get **70.6180, -27.9230, 4.9490**, and if you desaturate by 10%, it is **84.2400, -18.1110, 3.3370**.

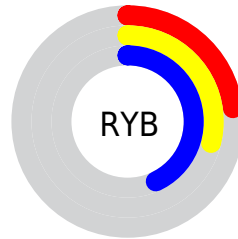
Distribution



Red (23%)

Green (32%)

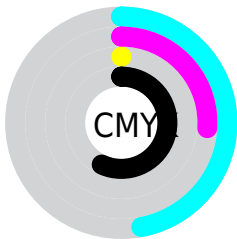
Blue (43%)



Red (23%)

Yellow (29%)

Blue (43%)

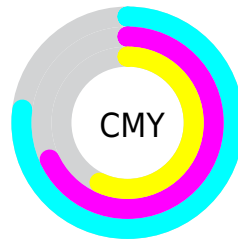


Cyan (47%)

Magenta (26%)

Yellow (0%)

Black (57%)



Cyan (77%)

Magenta (68%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.4290, -23.0170, 4.1430 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 77.4290, -23.0170, 4.1430 by changing the saturation by 10% instead.

■ 77.4290, -23.0170,
4.1430

■ 77.4290, -23.0170,
4.1430

■ 255.0000, -0.0000,
-0.0000

■ 54.0160, -23.2920,
3.6200

■ 127.0700,
-23.3840, 5.2880

■ 30.5810, -26.5010,
1.2030

■ 153.1840,
-23.7050, 5.5990

■ 13.3650, -16.9650,
4.5950

■ 180.2980,
-24.0260, 5.9100

■ 2.7530, -6.3740,
5.3860

■ 207.9990,
-24.6220, 5.6980

■ 0.0000, 0.0000,
0.0000

■ 233.9470,
-18.8440, 0.1000

■ 252.0100, -5.9600,

-2.1200

■ 77.4290, -23.0170,
4.1430

■ 77.4290, -23.0170,
4.1430

■ 70.6180, -27.9230,
4.9490

■ 84.2400, -18.1110,
3.3370

■ 63.8070, -32.8290,
5.7550

■ 91.0510, -13.2050,
2.5310

■ 56.9960, -37.7350,
6.5610

■ 97.8620, -8.2990,
1.7250

■ 50.1850, -42.6410,
7.3670

■ 105.2600, -3.6680,
0.3960

■ 42.7870, -47.2720,
8.6960

■ 112.0710, 1.2380,
-0.4100

■ 41.3030, -48.7850,
8.5830

■ 118.8820, 6.1440,
-1.2160

■ 125.6930, 11.0500,
-2.0220

■ 132.5040, 15.9560,
-2.8280

■ 139.3150, 20.8620,
-3.6340

Harmonies

Analogous

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



72.4440, -36.5410, -4.0690



77.4290, -23.0170, 4.1430



80.9150, -6.6500, 10.3900

Triad

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



77.4290, -23.0170, 4.1430



80.5040, 25.1240, 7.2360



74.4080, -10.4970, -13.5130

Complementary

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



77.4290, -23.0170, 4.1430



90.5710, 23.0170, -4.1430

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.



76.7750, 4.5870, -11.5490



77.4290, -23.0170, 4.1430



79.6900, 24.3000, 0.1400

Square

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



77.4290, -23.0170, 4.1430



81.3280, 19.9880, 12.2120



78.2820, 16.4610, -6.4750



72.0240, -26.9110, -13.3990

Rectangle

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



77.4290, -23.0170, 4.1430



81.7700, 4.1240, 13.3720



78.2820, 16.4610, -6.4750



75.1590, -5.3620, -12.9620

Sweetspot

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



77.4290, -23.0170, 4.1430



130.5630, -8.8950, 1.5130



91.8300, -23.6090, -18.1770



63.8900, -5.5020, 0.5940



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



77.4290, -23.0170, 4.1430



91.4800, -36.2220, 6.6740



64.8250, -14.9040, 16.8080



52.4450, -2.7510, 0.2970



44.7910, -53.0950, 9.6010



92.7280, -109.5370, 19.2870

Inverse Universe

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



76.1700, 23.6090, 18.1770



89.6220, 37.3160, 28.5800



103.1750, 14.9040, -16.8080



52.1360, 2.6130, 2.2050



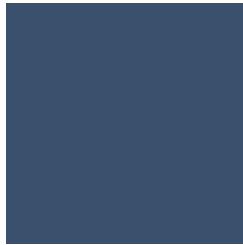
41.9220, 54.5070, 41.9230



86.3930, 111.9020, 86.5740

Previews

White Background



This preview shows how the YIQ color 77.4290, -23.0170, 4.1430 looks on a white background.

Color Contrast Check

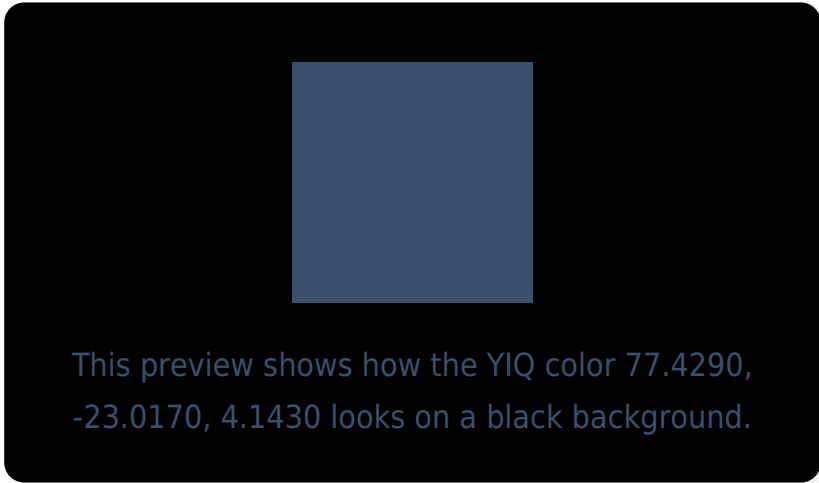
Large Text (above 18pt) WCAG AA ✓ Pass

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

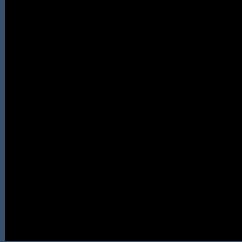
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

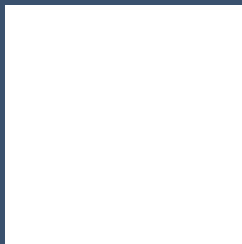
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 77.4290, -23.0170, 4.1430

Background



This preview shows how black text looks on a background with the YIQ color 77.4290, -23.0170, 4.1430.

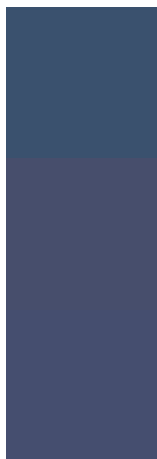


This preview shows how white text looks on a background with the YIQ color 77.4290, -23.0170,

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

77.4290, -23.0170, 4.1430

Protanopia

79.3270, -13.8020, 7.8460

Deuteranopia

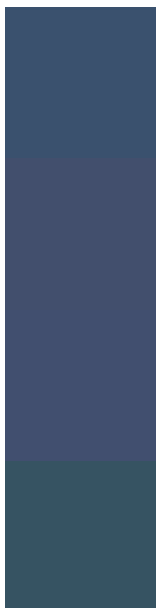
79.0710, -15.9570, 8.3550



Tritanopia

75.2300, -21.3190, -4.6070

Trichromacy



Original Color

77.4290, -23.0170, 4.1430

Protanomaly

78.5330, -17.3780, 6.5740

Deuteranomaly

78.4620, -18.6160, 6.9840

Tritanomaly

76.0390, -22.0990, -1.4830

Monochromacy



Original Color

77.4290, -23.0170, 4.1430

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

76.8620, -8.2990, 1.7250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.4290, -23.0170, 4.1430 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(58, 81, 110)` looks like.

```
.text, #text, p{  
    color:rgb(58, 81, 110)  
}
```

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(58, 81, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 81, 110) }
```

Border

The CSS property to change the border of an element to YIQ 77.4290, -23.0170, 4.1430 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(58, 81, 110) }
```


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

```
.border{ border-color:rgb(58, 81, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 81, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 81, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 81, 110);  
box-shadow:4px 4px 4px 4px rgb(58, 81,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 77.4290, -23.0170, 4.1430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 81, 110) }
```

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

```
.background{ background-color: rgb(58, 81,  
110) }
```

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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