

Converting Colors

YIQ(77.4180, -23.3430, 32.0890)

Have a look what the booklet for
YIQ(77.4180, -23.3430, 32.0890)
contains.

| | |
|------------------------------------------------|----|
| YIQ(77.4180, -23.3430, 32.0890) | 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(77.4180, -23.3430,
32.0890)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4B3F9E |
| RGB | 75, 63, 158 |
| RGB Percent | 29%, 25%, 62% |
| CMY | 0.7058, 0.7530, 0.3806 |
| CMYK | 0.53, 0.60, 0.00, 0.38 |
| HSL | 248°, 43%, 43% |
| HSV | 248°, 60%, 62% |
| XYZ | 10.8485, 7.5184, 33.2080 |
| YIQ | 77.4180, -23.3430, 32.0890 |

Conversions

Conversions Part 2

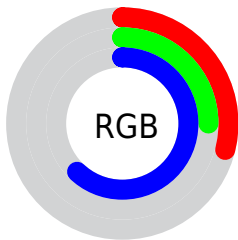
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 75, 63, 158 |
| Decimal | 4931486 |
| CIE _{Lab} | 32.96, 31.51, -50.21 |
| CIE _{LCh} | 33, 59.279, 302.108 |
| Yxy | 7.5184, 0.2103, 0.1458 |
| Android (android.graphics.Color) | 4283121566 (0xFF4B3F9E) |
| YUV | 77.4180, 39.7269, -2.1206 |
| Hunter-Lab | 27.4197, 22.6387, -52.6124 |

Details

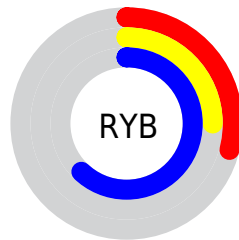
The YIQ color **77.4180, -23.3430, 32.0890** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **143.5820, 23.3430, -32.0890**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **128.3090, -21.4180, 35.7500**, and **25.3300, -35.0790, 24.5130** is the 20% darker color. If you saturate the color by 10%, you get **63.8400, -27.2870, 37.4890**, and if you desaturate by 10%, it is **90.9960, -19.3990, 26.6890**.

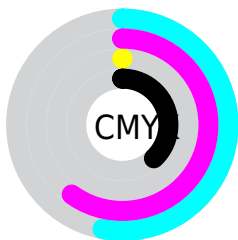
Distribution



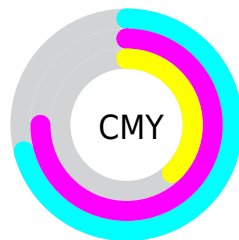
- Red (29%)
- Green (25%)
- Blue (62%)



- Red (29%)
- Yellow (25%)
- Blue (62%)



- Cyan (53%)
- Magenta (60%)
- Yellow (0%)
- Black (38%)



- Cyan (71%)
- Magenta (75%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.4180, -23.3430, 32.0890 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 77.4180, -23.3430, 32.0890 by changing the saturation by 10% instead.

■ 77.4180, -23.3430,
32.0890

■ 77.4180, -23.3430,
32.0890

■ 255.0000, -0.0000,
-0.0000

■ 52.7550, -25.9100,
29.0500

■ 128.3090,
-21.4180, 35.7500

■ 25.3300, -35.0790,
24.5130

■ 155.2490,
-21.1890, 37.1070

■ 9.2340, -26.0010,
25.1910

■ 180.6640,
-15.2280, 33.7000

■ 8.8460, -19.3970,
15.6350

■ 204.8850, -5.9650,
25.5150

■ 5.0500, -11.4640,
9.5280

■ 230.2910, 4.2150,
17.2310

■ 1.0260, -2.8890,
2.7990

■ 250.3040, 2.2000,

■ 0.0000, 0.0000,

4.1840

0.0000

■ 77.4180, -23.3430,
32.0890

■ 77.4180, -23.3430,
32.0890

■ 63.8400, -27.2870,
37.4890

■ 90.9960, -19.3990,
26.6890

■ 50.2620, -31.2310,
42.8890

■ 104.5740,
-15.4550, 21.2890

■ 37.5700, -34.8540,
47.9780

■ 117.2660,
-11.8320, 16.2000

■ 23.9920, -38.7980,
53.3780

■ 130.8440, -7.8880,
10.8000

■ 144.4220, -3.9440,
5.4000

■ 158.0000, -0.0000,
0.0000

■ 171.5780, 3.9440,
-5.4000

■ 184.2700, 7.5670,
-10.4890

■ 197.8480, 11.5110,
-15.8890

Harmonies

Analogous

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



68.4430, -78.3580, 10.3940



77.4180, -23.3430, 32.0890



72.7580, 31.9020, 49.6140

Triad

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



77.4180, -23.3430, 32.0890



72.0300, 61.2090, -2.4630



66.0590, -52.3550, -25.8510

Complementary

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



77.4180, -23.3430, 32.0890



143.5820, 23.3430, -32.0890

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.



58.4840, -35.1590, -40.1430



77.4180, -23.3430, 32.0890



73.0060, 34.2530, -20.5550

Square

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



77.4180, -23.3430, 32.0890



64.2440, 73.4910, 28.2670



64.8120, 2.0240, -36.6960



71.4170, -67.4420, -11.2340

Rectangle

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



77.4180, -23.3430, 32.0890



57.6970, 60.2350, 59.2670



64.8120, 2.0240, -36.6960



63.5340, -46.6230, -30.6150

Sweetspot

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



77.4180, -23.3430, 32.0890



174.8270, -9.2180, 12.8780



123.1380, -53.5950, -14.3870



85.2200, -6.1910, 7.5770



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



77.4180, -23.3430, 32.0890



80.6670, -36.5050, 50.3670



91.4710, 4.6690, 42.0530



72.2110, -1.9720, 2.7000



21.6840, -35.1750, 48.2890



2.3080, -3.6230, 5.0890

Inverse Universe

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



100.8670, 29.9770, 45.9530



117.3710, 47.0740, 72.0180



129.5290, -4.6690, -42.0530



74.1900, 2.5210, 3.8730



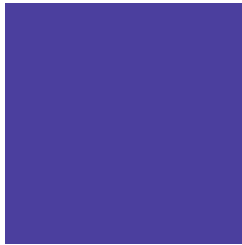
57.0070, 45.1030, 69.1910



5.9670, 4.7670, 7.2230

Previews

White Background



This preview shows how the YIQ color 77.4180, -23.3430, 32.0890 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



This preview shows how the YIQ color 77.4180, -23.3430, 32.0890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

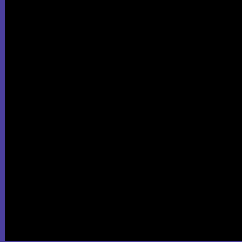
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.4180, -23.3430, 32.0890

Background



This preview shows how black text looks on a background with the YIQ color 77.4180, -23.3430, 32.0890.



This preview shows how white text looks on a background with the YIQ color 77.4180, -23.3430,

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

77.4180, -23.3430, 32.0890

Protanopia

62.1510, -71.6640, 10.2240

Deuteranopia

62.1050, -66.0230, 1.6010



Tritanopia

74.1270, -19.5310, -3.9710

Trichromacy



Original Color

77.4180, -23.3430, 32.0890

Protanomaly

67.8760, -54.4720, 18.0400

Deuteranomaly

67.4540, -50.5280, 12.6400

Tritanomaly

75.2600, -20.8630, 9.1610

Monochromacy



Original Color

77.4180, -23.3430, 32.0890

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.0720, -8.5300, 11.4220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.4180, -23.3430, 32.0890 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(75, 63, 158)` looks like.

```
.text, #text, p{  
    color:rgb(75, 63, 158)  
}
```

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(75, 63, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 63, 158) }
```

Border

The CSS property to change the border of an element to YIQ 77.4180, -23.3430, 32.0890 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(75, 63, 158) }
```


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

```
.border{ border-color:rgb(75, 63, 158) }
```

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

Here you see how a box with a 4 pixel rgb(75, 63, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 63, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 63, 158);  
box-shadow:4px 4px 4px 4px rgb(75, 63,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 77.4180, -23.3430, 32.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 63, 158) }
```

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

```
.background{ background-color: rgb(75, 63,  
158) }
```

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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