

Converting Colors

YIQ(77.2500, 22.9100, 80.4300)

Have a look what the booklet for
YIQ(77.2500, 22.9100, 80.4300)
contains.

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Color

**YIQ(77.2500, 22.9100,
80.4300)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9513BD |
| RGB | 149, 19, 189 |
| RGB Percent | 58%, 7%, 74% |
| CMY | 0.4153, 0.9257, 0.2589 |
| CMYK | 0.21, 0.90, 0.00, 0.26 |
| HSL | 286°, 82%, 41% |
| HSV | 286°, 90%, 74% |
| XYZ | 21.8299, 10.5371, 49.0215 |
| YIQ | 77.2500, 22.9100, 80.4300 |

Conversions

Conversions Part 2

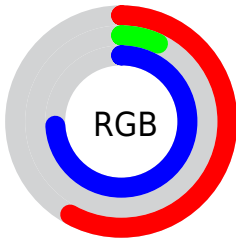
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 149, 19, 189 |
| Decimal | 9769917 |
| CIE _{Lab} | 38.79, 70.04, -58.82 |
| CIE _{LCh} | 39, 91.464, 319.975 |
| Yxy | 10.5371, 0.2682, 0.1295 |
| Android (android.graphics.Color) | 4287959997 (0xFF9513BD) |
| YUV | 77.2500, 55.0928, 62.9248 |
| Hunter-Lab | 32.4609, 63.2342, -66.8154 |

Details

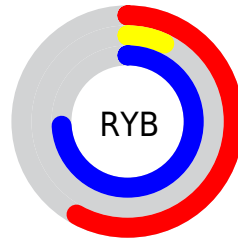
The YIQ color **77.2500, 22.9100, 80.4300** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **130.7500, -22.9100, -80.4300**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **141.0060, 20.4810, 74.8890**, and **42.7840, 11.8180, 61.1780** is the 20% darker color. If you saturate the color by 10%, you get **64.9010, 25.7510, 89.5190**, and if you desaturate by 10%, it is **89.8980, 20.6650, 71.5530**.

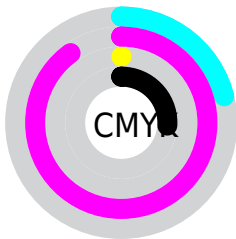
Distribution



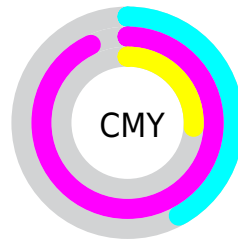
- Red (58%)
- Green (7%)
- Blue (74%)



- Red (58%)
- Yellow (7%)
- Blue (74%)



- Cyan (21%)
- Magenta (90%)
- Yellow (0%)
- Black (26%)



- Cyan (42%)
- Magenta (93%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.2500, 22.9100, 80.4300 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 77.2500, 22.9100, 80.4300 by changing the saturation by 10% instead.

77.2500, 22.9100,
80.4300

77.2500, 22.9100,
80.4300

255.0000, -0.0000,
-0.0000

54.2340, 19.8390,
75.5110

141.3050, 21.0770,
75.1010

42.7840, 11.8180,
61.1780

167.4380, 27.7720,
69.4040

31.1490, 2.8800,
46.9440

189.8430, 30.5250,
58.0530

20.5250, -4.5910,
33.6570

206.2790, 22.8250,
43.4090

6.7260, -18.9390,
18.3490

223.3020, 14.8500,
28.2420

5.2780, -12.1060,
10.1500

240.9120, 6.6000,

1.3680, -3.8520,

12.5520

3.7320

■ 0.0000, 0.0000,
0.0000

■ 77.2500, 22.9100,
80.4300

■ 77.2500, 22.9100,
80.4300

■ 64.9010, 25.7510,
89.5190

■ 89.8980, 20.6650,
71.5530

■ 102.2470, 17.8240,
62.4640

■ 114.5960, 14.9830,
53.3750

■ 127.2440, 12.7380,
44.4980

■ 139.0060, 10.1720,
35.9320

■ 151.6540, 7.9270,
27.0550

■ 164.0030, 5.0860,
17.9660

■ 176.6510, 2.8410,
9.0890

■ 189.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



76.6850, -98.8100, 28.6300



77.2500, 22.9100, 80.4300



74.6760, 83.0640, 80.5680

Triad

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



77.2500, 22.9100, 80.4300



86.7270, 57.2680, -13.6440



85.9270, -77.9860, -18.3860

Complementary

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



77.2500, 22.9100, 80.4300



130.7500, -22.9100, -80.4300

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.



75.8610, -52.3980, -41.5980



77.2500, 22.9100, 80.4300



79.2980, 9.2230, -40.5130

Square

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



77.2500, 22.9100, 80.4300



67.9190, 102.1470, 26.5550



66.3310, -31.0750, -59.0990



92.8640, -98.8970, 2.6630

Rectangle

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



77.2500, 22.9100, 80.4300



71.4820, 103.5610, 67.0250



66.3310, -31.0750, -59.0990



82.3760, -69.3650, -25.9490

Sweetspot

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



77.2500, 22.9100, 80.4300



201.4740, 8.6140, 31.1260



63.0340, -66.1200, 30.9040



96.4160, 5.3610, 18.4890



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



77.2500, 22.9100, 80.4300



83.8430, 32.8070, 115.8390



84.3080, 60.5530, 75.5370



88.1190, 1.2830, 4.2830



54.1910, 21.3980, 74.7900



10.4110, 3.7570, 14.5170

Inverse Universe

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



74.3900, 88.4800, 48.4800



79.7530, 127.7230, 69.6670



123.5780, -60.2320, -75.8480



87.9190, 4.7220, 2.5300



51.4600, 82.2910, 45.0030



10.0670, 16.2290, 8.7490

Previews

White Background



This preview shows how the YIQ color 77.2500, 22.9100, 80.4300 looks on a white background.

Color Contrast Check

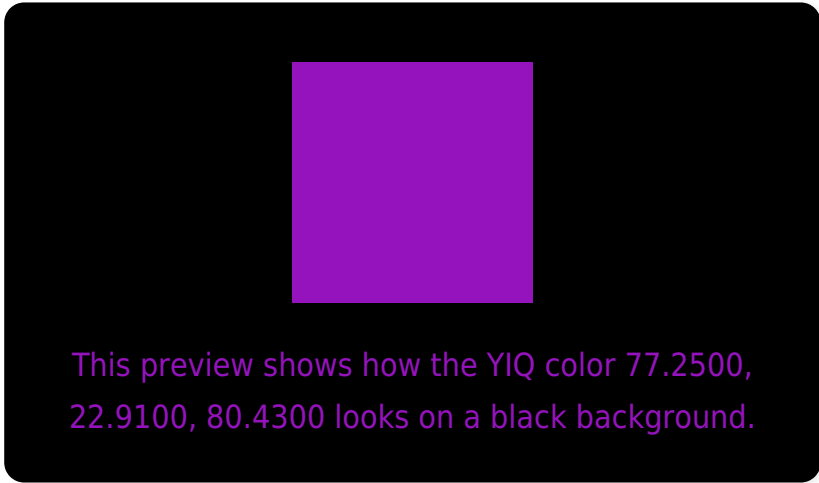
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

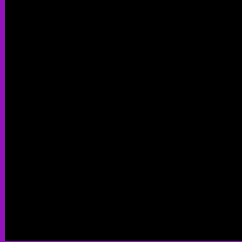
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.2500, 22.9100, 80.4300

Background



This preview shows how black text looks on a background with the YIQ color 77.2500, 22.9100, 80.4300.



This preview shows how white text looks on a background with the YIQ color 77.2500, 22.9100,

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

77.2500, 22.9100, 80.4300

Protanopia

74.3760, -85.4190, 11.7090

Deuteranopia

74.5750, -79.0900, 1.6300



Tritanopia

93.0260, 32.6420, 14.1620

Trichromacy



Original Color

77.2500, 22.9100, 80.4300

Protanomaly

75.2600, -46.0850, 36.7550

Deuteranomaly

75.3110, -42.0950, 30.5210

Tritanomaly

87.5260, 29.1990, 38.0230

Monochromacy



Original Color

77.2500, 22.9100, 80.4300

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.1210, 8.1100, 29.2460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.2500, 22.9100, 80.4300 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(149, 19, 189)` looks like.

```
.text, #text, p{  
    color:rgb(149, 19, 189)  
}
```

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(149, 19, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 19, 189) }
```

Border

The CSS property to change the border of an element to YIQ 77.2500, 22.9100, 80.4300 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(149, 19, 189) }
```


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

```
.border{ border-color:rgb(149, 19, 189) }
```

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

Here you see how a box with a 4 pixel rgb(149, 19, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 19, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 19, 189);  
box-shadow:4px 4px 4px 4px rgb(149, 19,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 77.2500, 22.9100, 80.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 19, 189) }
```

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

```
.background{ background-color: rgb(149, 19,  
189) }
```

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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