

Converting Colors

YIQ(77.3610, 33.5570, 25.1170)

Have a look what the booklet for
YIQ(77.3610, 33.5570, 25.1170)
contains.

YIQ(77.3610, 33.5570, 25.1170)	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(77.3610, 33.5570,
25.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	7D3453
RGB	125, 52, 83
RGB Percent	49%, 20%, 33%
CMY	0.5096, 0.7962, 0.6744
CMYK	0.00, 0.58, 0.34, 0.51
HSL	335°, 41%, 35%
HSV	335°, 58%, 49%
XYZ	11.2537, 7.4419, 9.0325
YIQ	77.3610, 33.5570, 25.1170

Conversions

Conversions Part 2

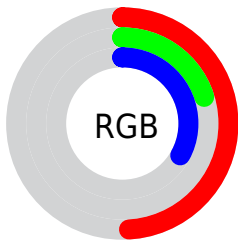
Format	Color
RYB	125, 52, 83
Decimal	8205395
CIELab	32.79, 35.21, -3.10
CIELCh	33, 35.345, 354.966
Yxy	7.4419, 0.4059, 0.2684
Android (android.graphics.Color)	4286395475 (0xFF7D3453)
YUV	77.3610, 2.7800, 41.7794
Hunter-Lab	27.2798, 25.8964, -0.5355

Details

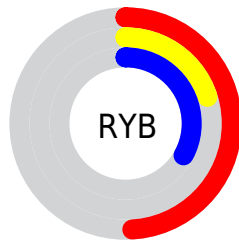
The YIQ color **77.3610, 33.5570, 25.1170** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **99.6390, -33.5570, -25.1170**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **128.7420, 36.8580, 25.8660**, and **26.1590, 31.3100, 27.2940** is the 20% darker color. If you saturate the color by 10%, you get **68.9320, 39.3790, 29.7390**, and if you desaturate by 10%, it is **85.2030, 28.0100, 21.0180**.

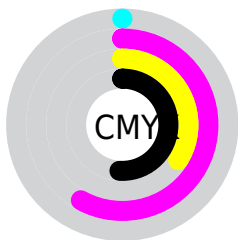
Distribution



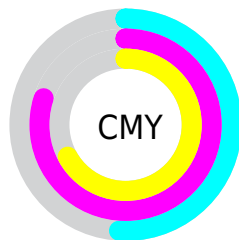
- Red (49%)
- Green (20%)
- Blue (33%)



- Red (49%)
- Yellow (20%)
- Blue (33%)



- Cyan (0%)
- Magenta (58%)
- Yellow (34%)
- Black (51%)



- Cyan (51%)
- Magenta (80%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.3610, 33.5570, 25.1170 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 77.3610, 33.5570, 25.1170 by changing the saturation by 10% instead.

■ 77.3610, 33.5570,
25.1170

■ 77.3610, 33.5570,
25.1170

■ 255.0000, -0.0000,
-0.0000

■ 52.2900, 32.3190,
25.5270

■ 128.7420, 36.8580,
25.8660

■ 26.1590, 31.3100,
27.2940

■ 155.4540, 37.7290,
26.6010

■ 16.7030, 23.4260,
15.9860

■ 182.3510, 39.5170,
27.2370

■ 3.2890, 6.5560,
2.3320

■ 207.3610, 33.5570,
25.1170

■ 0.0000, 0.0000,
0.0000

■ 226.9890, 16.8690,
19.1810

■ 245.0210, 4.6750,

8.8910

■ 77.3610, 33.5570,
25.1170

■ 77.3610, 33.5570,
25.1170

■ 68.9320, 39.3790,
29.7390

■ 85.2030, 28.0100,
21.0180

■ 61.0900, 44.9260,
33.8380

■ 93.6320, 22.1880,
16.3960

■ 52.5470, 51.0690,
38.1490

■ 101.5880, 16.3200,
12.6080

■ 44.7050, 56.6160,
42.2480

■ 110.0170, 10.4980,
7.9860

■ 43.4170, 57.4870,
42.9830

■ 117.8590, 4.9510,
3.8870

■ 126.2880, -0.8710,
-0.7350

■ 134.7170, -6.6930,
-5.3570

■ 142.6730,
-12.5610, -9.1450

■ 151.1020,
-18.3830, -13.7670

Harmonies

Analogous

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



79.6390, 12.2830, 25.2030



77.3610, 33.5570, 25.1170



75.9410, 43.1870, 15.7870

Triad

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



77.3610, 33.5570, 25.1170



71.3870, 11.1910, -21.1050



65.5640, -63.3620, -8.0820

Complementary

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



77.3610, 33.5570, 25.1170



99.6390, -33.5570, -25.1170

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.



64.2300, -56.8500, -15.9700



77.3610, 33.5570, 25.1170



66.5390, -18.6560, -25.3440

Square

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



77.3610, 33.5570, 25.1170



74.0800, 31.4090, -13.0630



60.9240, -47.5410, -24.9890



63.2960, -65.2430, -1.5230

Rectangle

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



77.3610, 33.5570, 25.1170



75.8450, 43.0970, 6.4010



60.9240, -47.5410, -24.9890



65.4670, -61.7110, -10.4710

Sweetspot

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



77.3610, 33.5570, 25.1170



144.0390, 13.4320, 9.8800



72.5810, 1.0030, 31.3950



70.1800, 8.4810, 5.9930



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



77.3610, 33.5570, 25.1170



88.6720, 52.2150, 39.4070



76.7620, 42.1330, 12.8610



59.4350, 3.2090, 2.4170



44.4280, 58.9540, 43.9300



0.0000, 0.0000, 0.0000

Inverse Universe

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



77.3610, 33.5570, 25.1170



88.6720, 52.2150, 39.4070



100.2380, -42.1330, -12.8610



59.4350, 3.2090, 2.4170



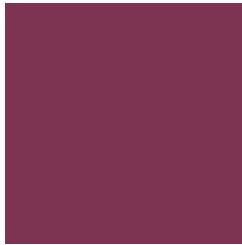
44.4280, 58.9540, 43.9300



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 77.3610, 33.5570, 25.1170 looks on a white background.

Color Contrast Check

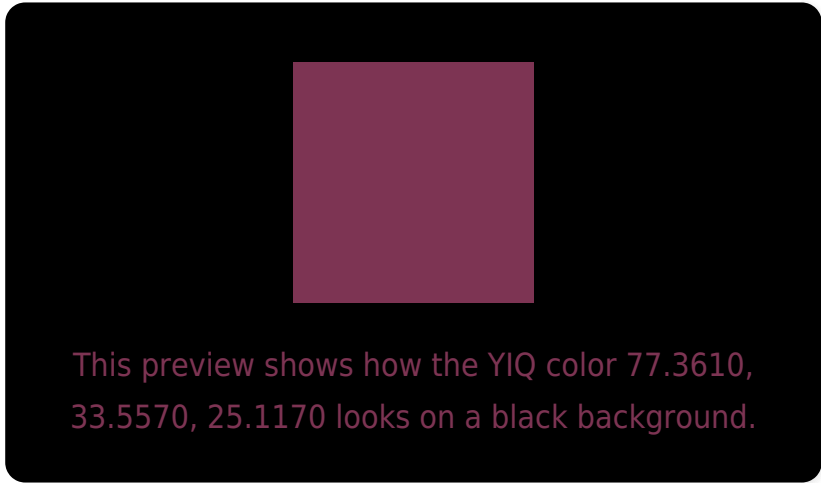
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.3610, 33.5570, 25.1170

Background



This preview shows how black text looks on a background with the YIQ color 77.3610, 33.5570, 25.1170.



This preview shows how white text looks on a background with the YIQ color 77.3610, 33.5570,

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

77.3610, 33.5570, 25.1170

Protanopia

78.0130, -10.0420, 5.7820

Deuteranopia

78.4460, 4.6760, 3.3640



Tritanopia

77.1900, 38.0520, 15.2360

Trichromacy



Original Color

77.3610, 33.5570, 25.1170

Protanomaly

77.7270, 5.6830, 12.6510

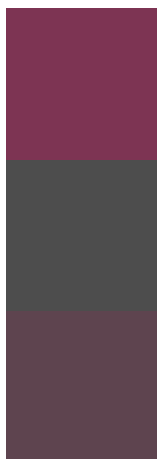
Deuteranomaly

78.3490, 15.4950, 11.0390

Tritanomaly

77.2270, 36.6300, 18.9820

Monochromacy



Original Color

77.3610, 33.5570, 25.1170

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.0280, 11.9650, 8.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.3610, 33.5570, 25.1170 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(125, 52, 83)` looks like.

```
.text, #text, p{  
    color:rgb(125, 52, 83)  
}
```

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(125, 52, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 52, 83) }
```

Border

The CSS property to change the border of an element to YIQ 77.3610, 33.5570, 25.1170 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(125, 52, 83) }
```


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

```
.border{ border-color:rgb(125, 52, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 52, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 52, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 52, 83);  
box-shadow:4px 4px 4px 4px rgb(125, 52,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 77.3610, 33.5570, 25.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 52, 83) }
```

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

```
.background{ background-color: rgb(125, 52,  
83) }
```

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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