

Converting Colors

YIQ(79.5090, 62.2590, 22.5710)

Have a look what the booklet for
YIQ(79.5090, 62.2590, 22.5710)
contains.

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Color

**YIQ(79.5090, 62.2590,
22.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	993031
RGB	153, 48, 49
RGB Percent	60%, 19%, 19%
CMY	0.3998, 0.8119, 0.8076
CMYK	0.00, 0.69, 0.68, 0.40
HSL	359°, 52%, 39%
HSV	359°, 69%, 60%
XYZ	14.7598, 9.1111, 3.8934
YIQ	79.5090, 62.2590, 22.5710

Conversions

Conversions Part 2

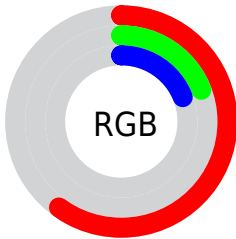
Format	Color
R_{YB}	153, 48, 49
Decimal	10039345
CIE _{Lab}	36.20, 43.76, 24.11
CIE _{LCh}	36, 49.963, 28.847
Yxy	9.1111, 0.5316, 0.3282
Android (android.graphics.Color)	4288229425 (0xFF993031)
YUV	79.5090, -15.0409, 64.4516
Hunter-Lab	30.1846, 34.4606, 13.4817

Details

The YIQ color **79.5090, 62.2590, 22.5710** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **121.4910, -62.2590, -22.5710**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **133.2170, 68.9530, 22.4010**, and **28.7470, 55.6570, 21.0730** is the 20% darker color. If you saturate the color by 10%, you get **68.9940, 71.1990, 25.7510**, and if you desaturate by 10%, it is **90.0240, 53.3190, 19.3910**.

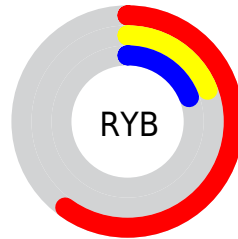
Distribution



Red (60%)

Green (19%)

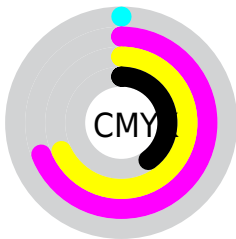
Blue (19%)



Red (60%)

Yellow (19%)

Blue (19%)

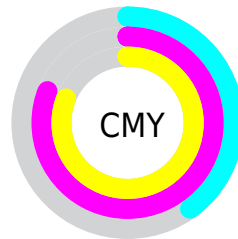


Cyan (0%)

Magenta (69%)

Yellow (68%)

Black (40%)



Cyan (40%)

Magenta (81%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.5090, 62.2590, 22.5710 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 79.5090, 62.2590, 22.5710 by changing the saturation by 10% instead.

■ 79.5090, 62.2590,
22.5710

■ 79.5090, 62.2590,
22.5710

255.0000, -0.0000,
-0.0000

■ 51.4210, 59.6910,
25.0590

■ 133.2170, 68.9530,
22.4010

■ 28.7470, 55.6570,
21.0730

■ 160.8860, 71.3830,
22.4150

■ 20.0330, 39.9320,
14.2040

■ 183.2870, 62.7640,
18.9240

■ 12.0740, 23.5190,
8.7910

■ 202.6870, 46.7180,
12.3660

■ 0.0000, 0.0000,
0.0000

■ 222.3150, 30.0300,
6.4300

■ 242.5300, 13.0670,

-0.0290

■ 79.5090, 62.2590,
22.5710

■ 79.5090, 62.2590,
22.5710

■ 68.9940, 71.1990,
25.7510

■ 90.0240, 53.3190,
19.3910

■ 57.8920, 80.4140,
29.4540

■ 101.1260, 44.1040,
15.6880

■ 47.3770, 89.3540,
32.6340

■ 111.7550, 34.8430,
12.8190

■ 45.9750, 90.5460,
33.0580

■ 122.2700, 25.9030,
9.6390

■ 132.7850, 16.9630,
6.4590

■ 143.8870, 7.7480,
2.7560

■ 154.4020, -1.1920,
-0.4240

■ 164.9170,
-10.1320, -3.6040

■ 176.0190,
-19.3470, -7.3070

Harmonies

Analogous

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



80.1450, 52.2610, 38.5730



79.5090, 62.2590, 22.5710



80.3610, 58.7790, -2.4770

Triad

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



79.5090, 62.2590, 22.5710



63.3740, -40.6610, -39.5490



72.3410, -78.3110, 4.0330

Complementary

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



79.5090, 62.2590, 22.5710



121.4910, -62.2590, -22.5710

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.



75.6690, -76.6590, -3.8830



79.5090, 62.2590, 22.5710



69.8090, -54.6470, -28.3670

Square

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



79.5090, 62.2590, 22.5710



74.6130, 12.8900, -35.3820



74.4830, -67.8080, -15.6160



85.4300, -23.6170, 26.0390

Rectangle

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



79.5090, 62.2590, 22.5710



80.4700, 47.6860, -16.2020



74.4830, -67.8080, -15.6160



73.8740, -78.4940, 1.8420

Sweetspot

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



79.5090, 62.2590, 22.5710



169.6720, 24.7110, 9.2150



90.7670, 27.6830, 54.4910



82.1760, 14.3040, 5.0880



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



79.5090, 62.2590, 22.5710



84.9650, 96.5060, 35.1780



109.3320, 48.5550, -4.4130



71.3920, 4.7680, 1.6960



41.9740, 83.1190, 29.9910



3.8870, 7.7480, 2.7560

Inverse Universe

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



79.5090, 62.2590, 22.5710



84.9650, 96.5060, 35.1780



91.6680, -48.5550, 4.4130



71.3920, 4.7680, 1.6960



41.9740, 83.1190, 29.9910



3.8870, 7.7480, 2.7560

Previews

White Background



This preview shows how the YIQ color 79.5090, 62.2590, 22.5710 looks on a white background.

Color Contrast Check

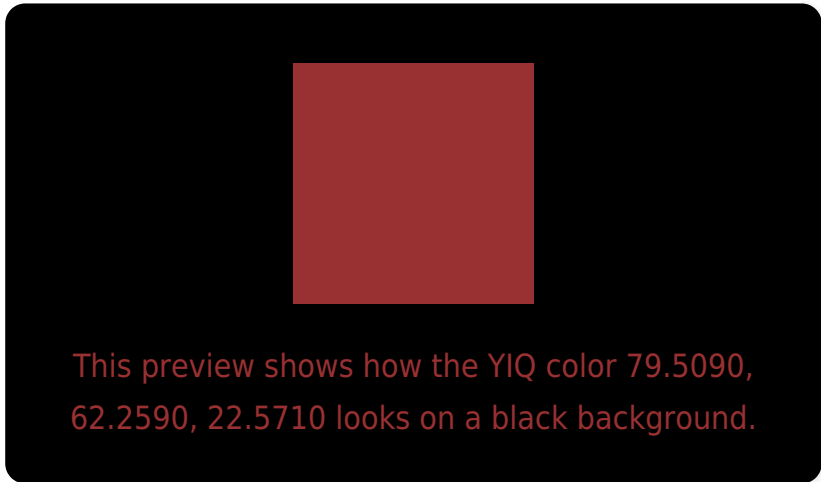
Large Text (above 18pt) WCAG AA ✓ Pass

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

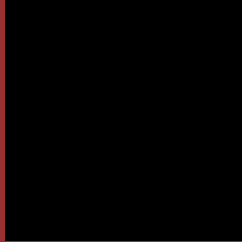
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.5090, 62.2590, 22.5710

Background



This preview shows how black text looks on a background with the YIQ color 79.5090, 62.2590, 22.5710.



This preview shows how white text looks on a background with the YIQ color 79.5090, 62.2590,

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

79.5090, 62.2590, 22.5710

Protanopia

85.4710, 11.5550, -5.6690

Deuteranopia

84.7300, 26.8230, -7.0410



Tritanopia

79.6230, 61.9380, 22.8820

Trichromacy



Original Color

79.5090, 62.2590, 22.5710

Protanomaly

83.2610, 30.1220, 4.7620

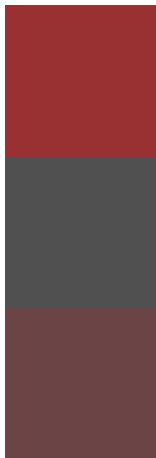
Deuteranomaly

82.9970, 39.6130, 3.4610

Tritanomaly

79.6230, 61.9380, 22.8820

Monochromacy



Original Color

79.5090, 62.2590, 22.5710

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

79.7750, 22.9230, 8.5790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.5090, 62.2590, 22.5710 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(153, 48, 49)` looks like.

```
.text, #text, p{  
    color:rgb(153, 48, 49)  
}
```

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(153, 48, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 48, 49) }
```

Border

The CSS property to change the border of an element to YIQ 79.5090, 62.2590, 22.5710 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(153, 48, 49) }
```


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

```
.border{ border-color:rgb(153, 48, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 48, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 48, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 48, 49);  
box-shadow:4px 4px 4px 4px rgb(153, 48,  
49) }
```

Background

The CSS property to change the background color of an element to YIQ 79.5090, 62.2590, 22.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 48, 49) }
```

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

```
.background{ background-color: rgb(153, 48,  
49) }
```

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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